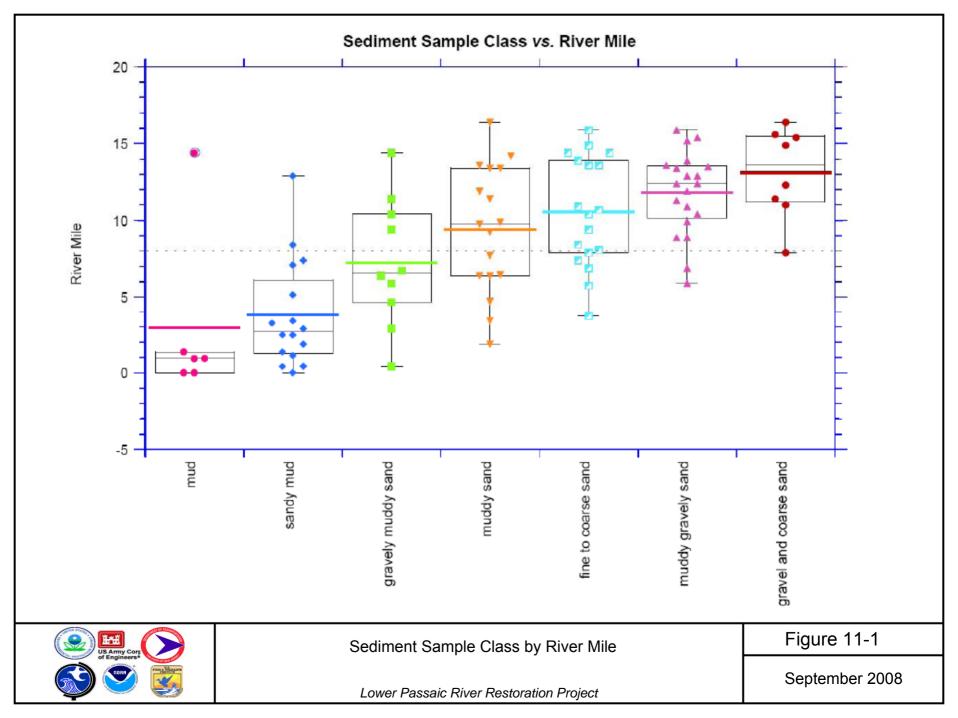
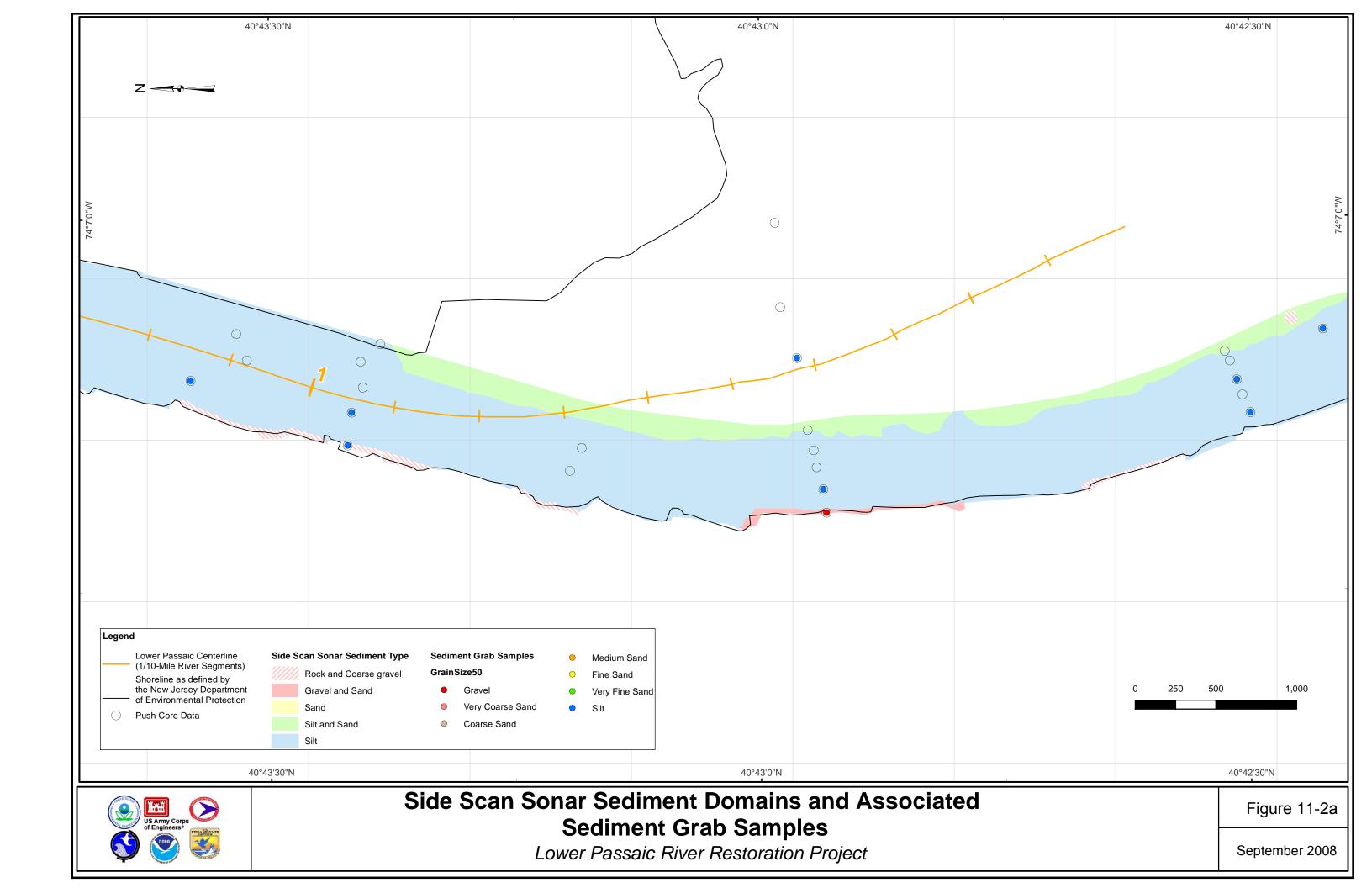
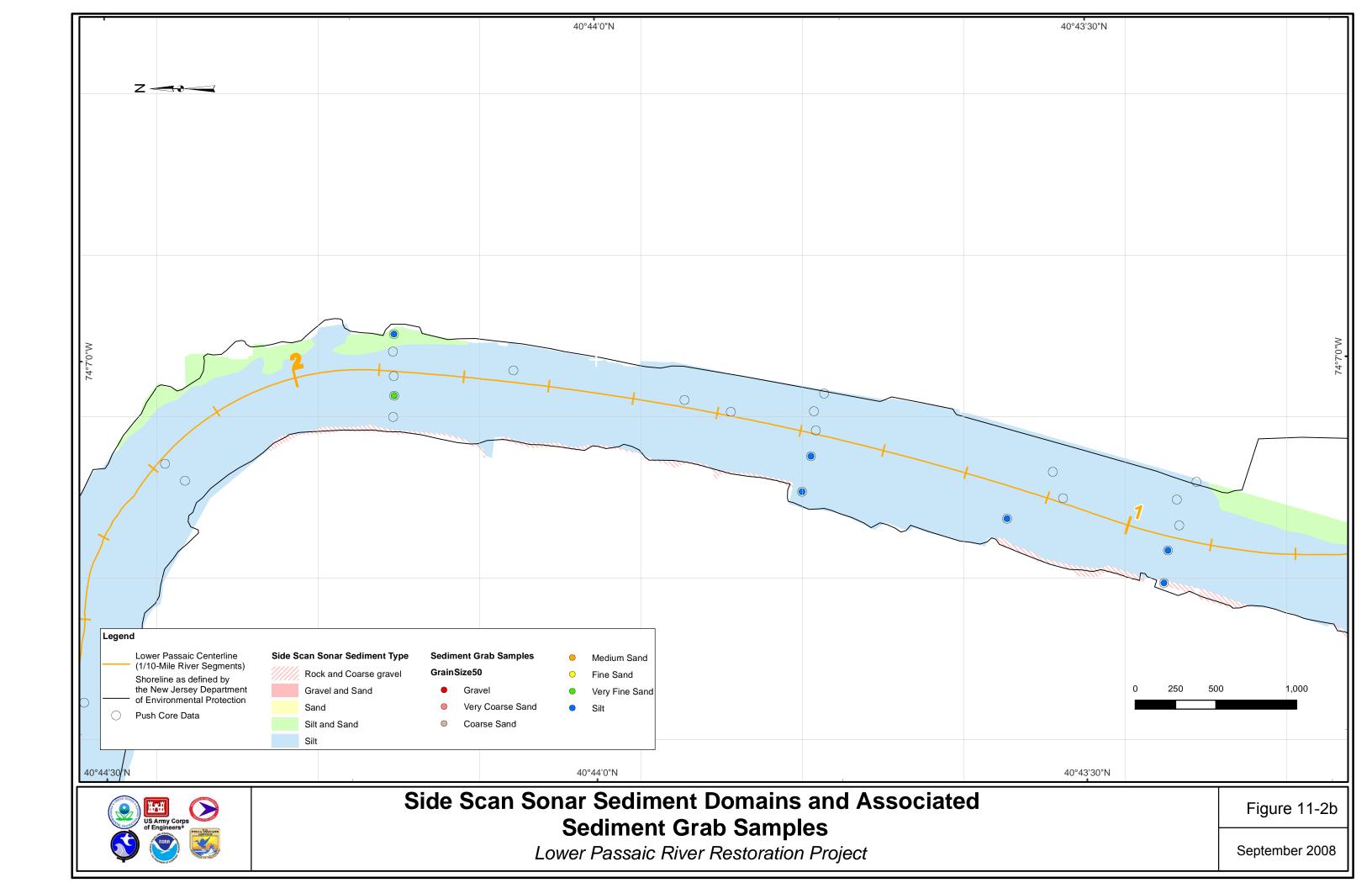
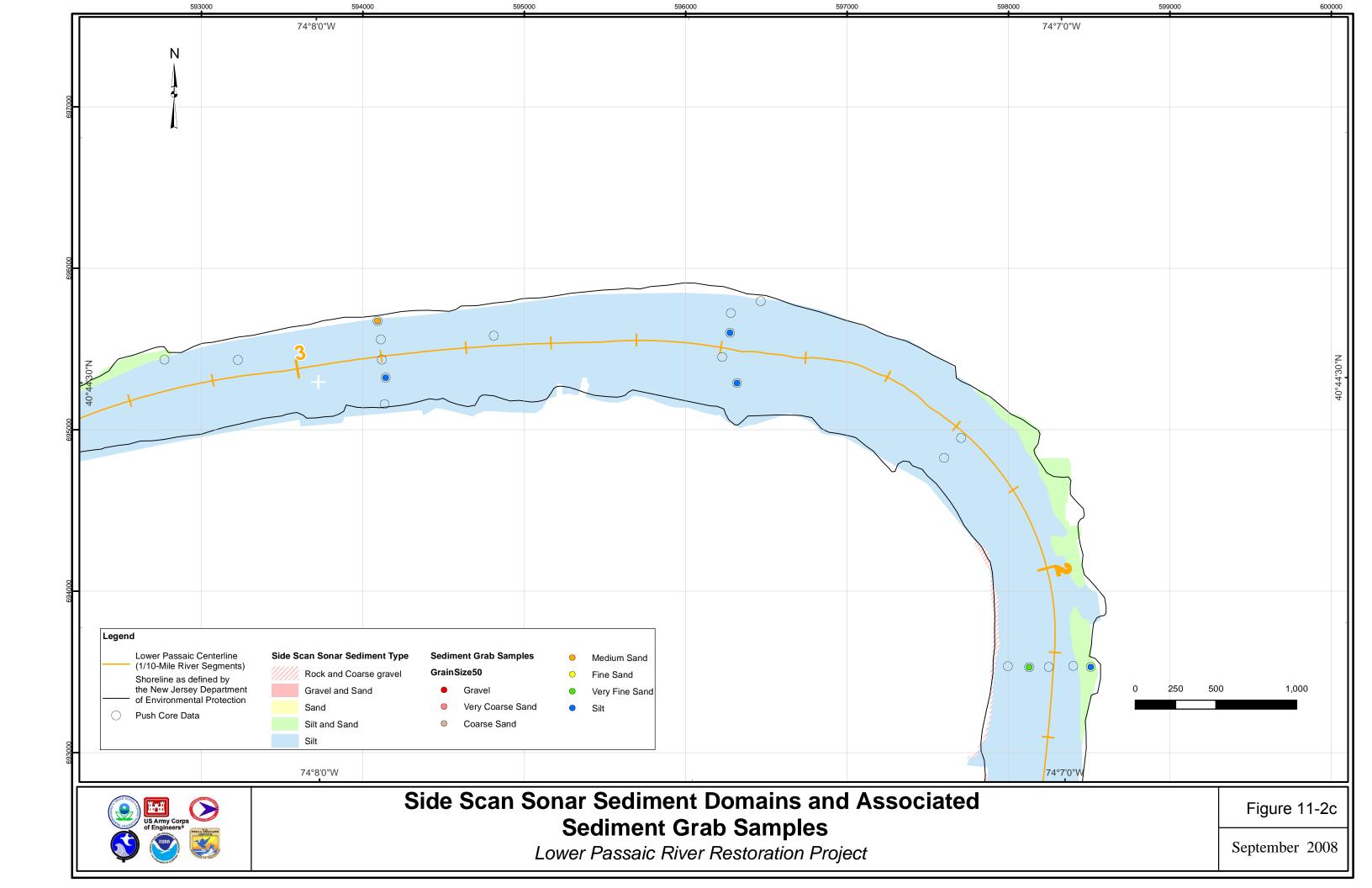
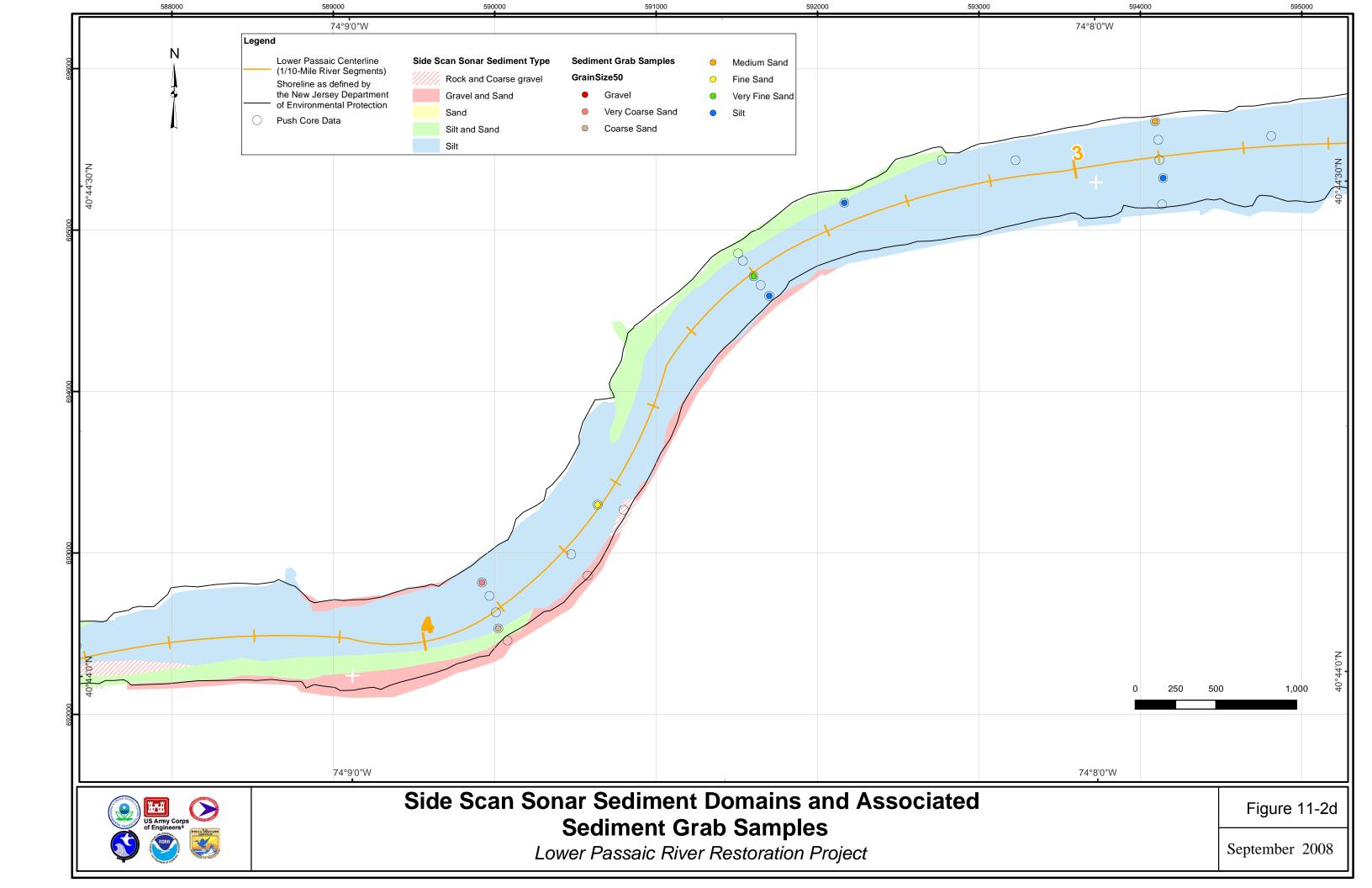
Chapter 11 Figures

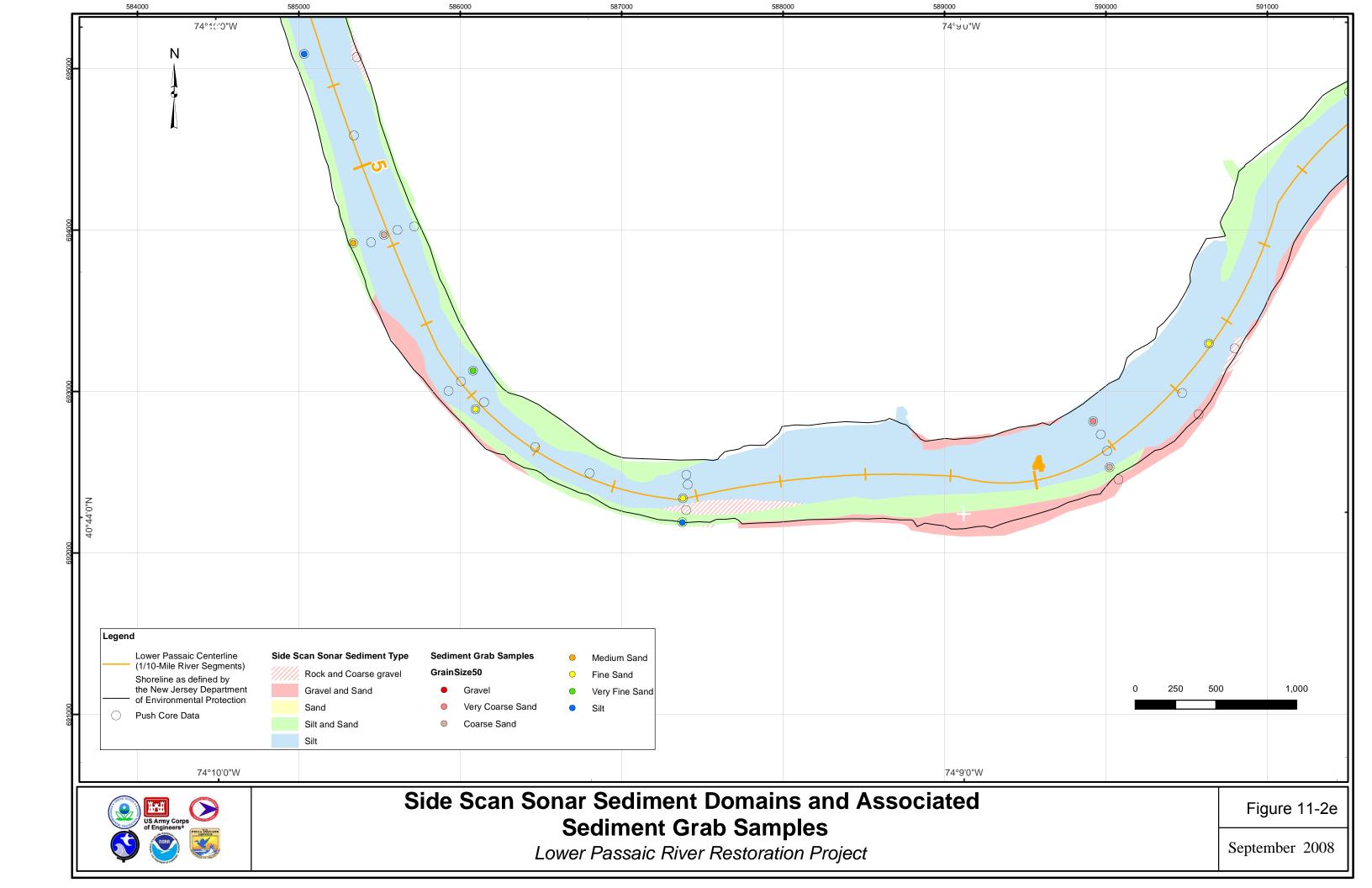


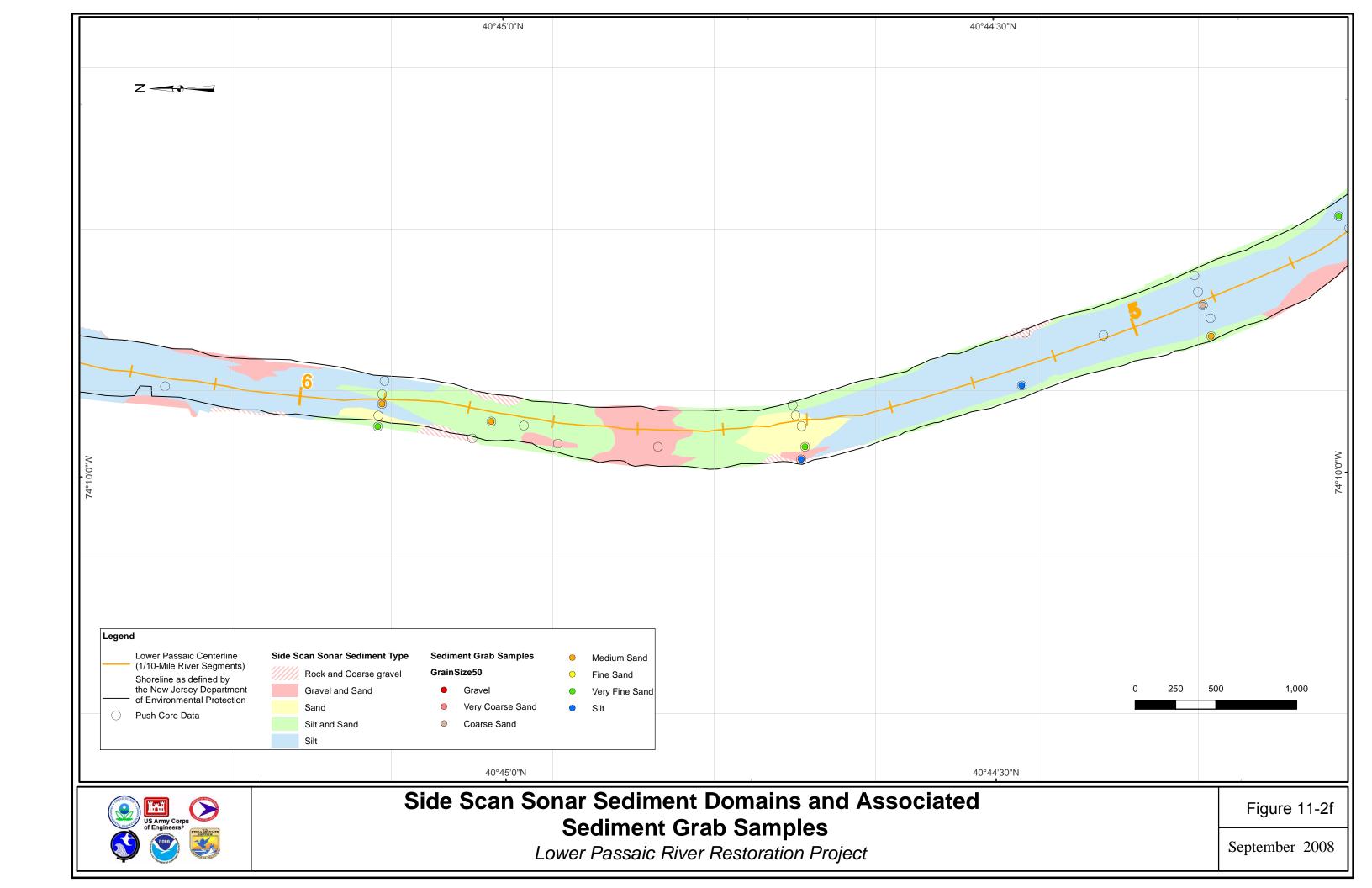


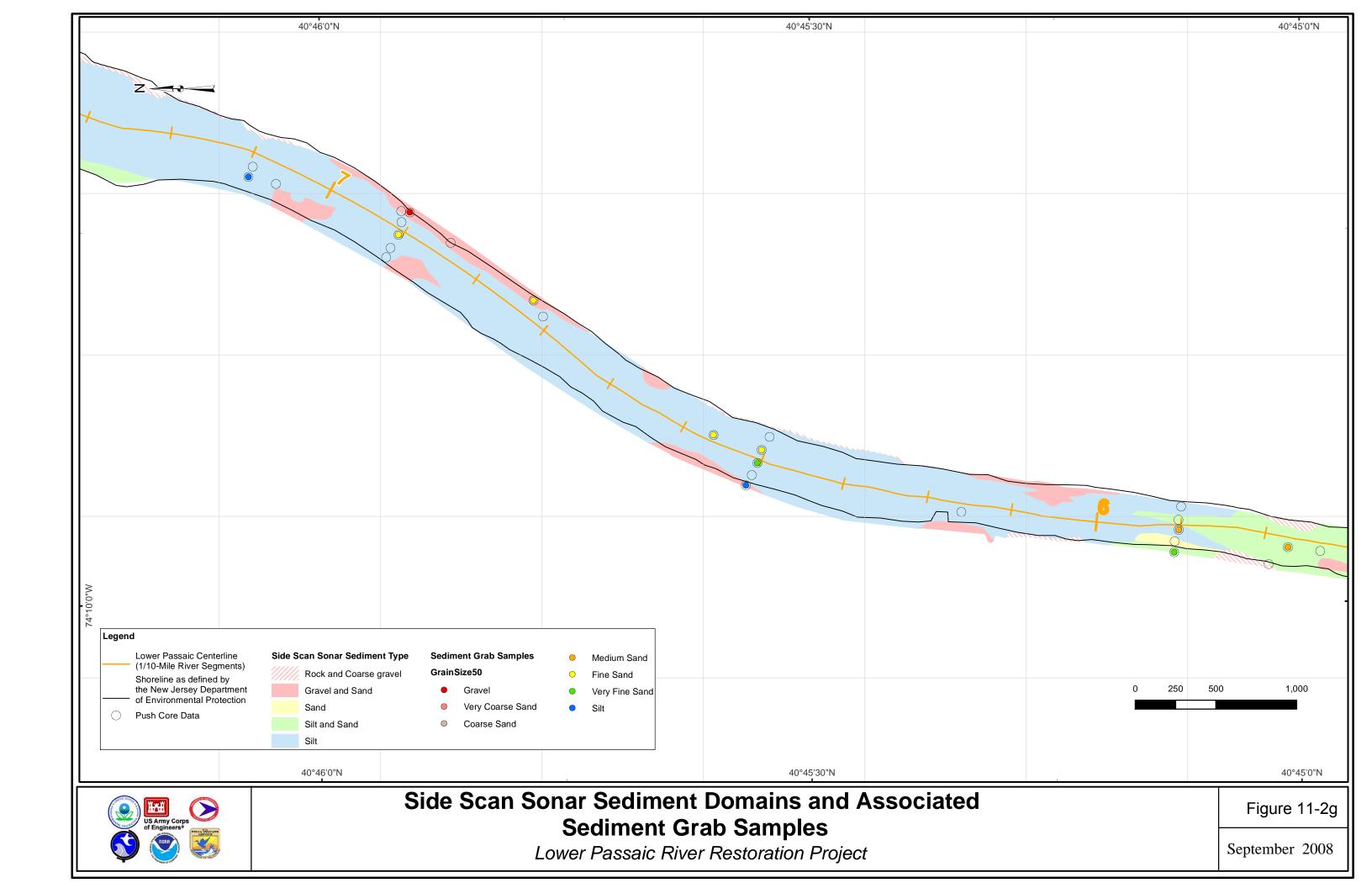


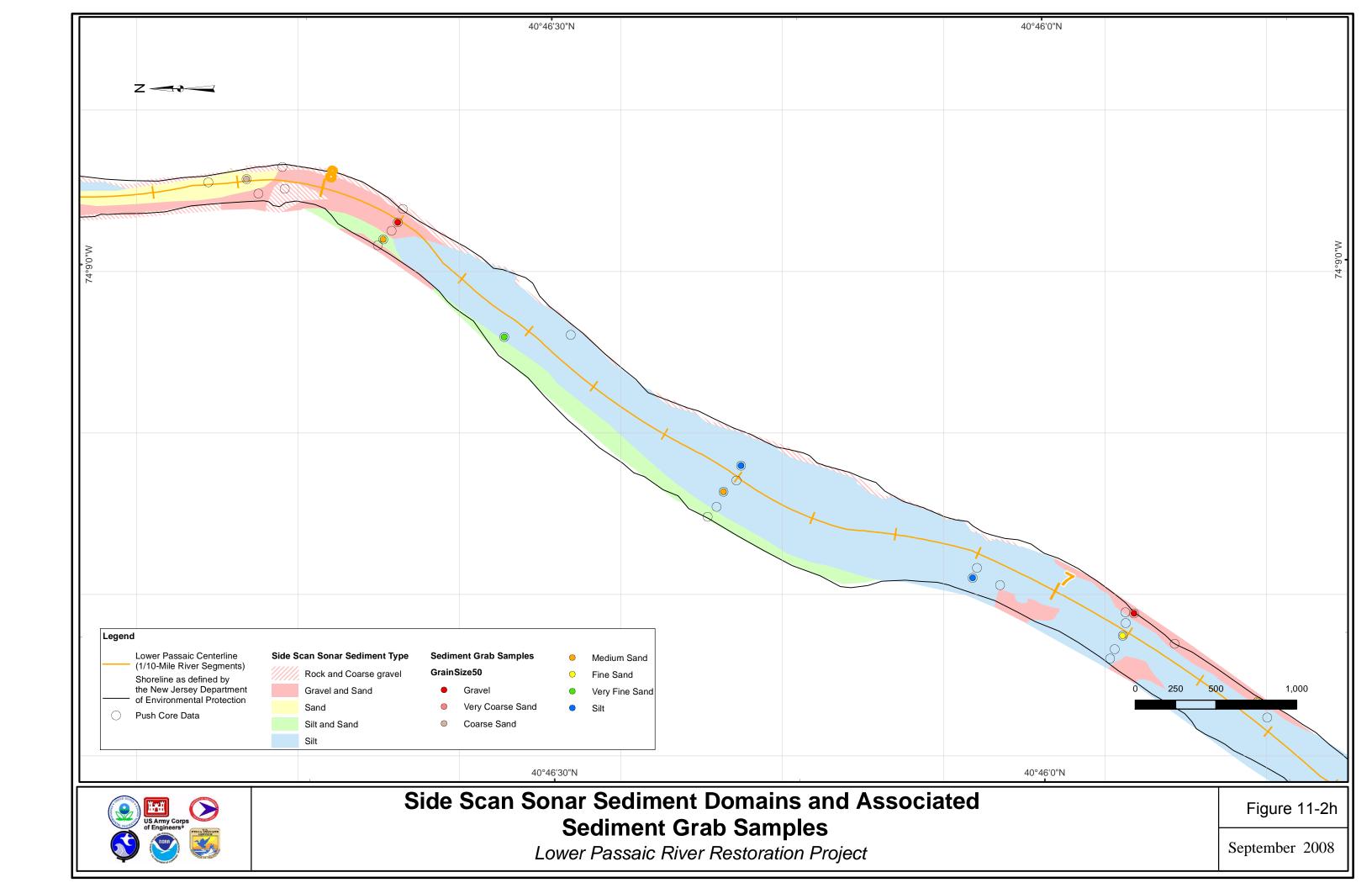


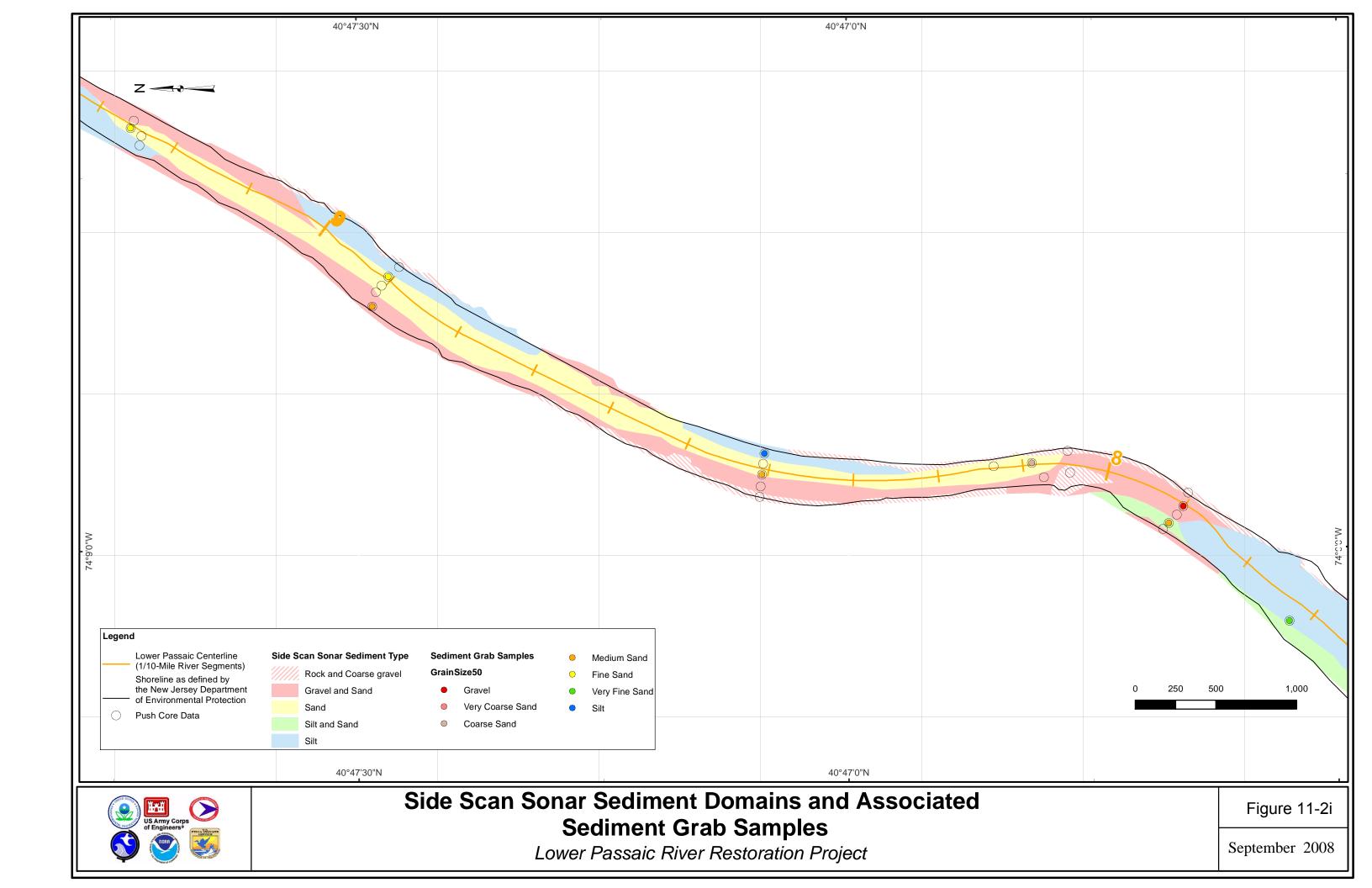


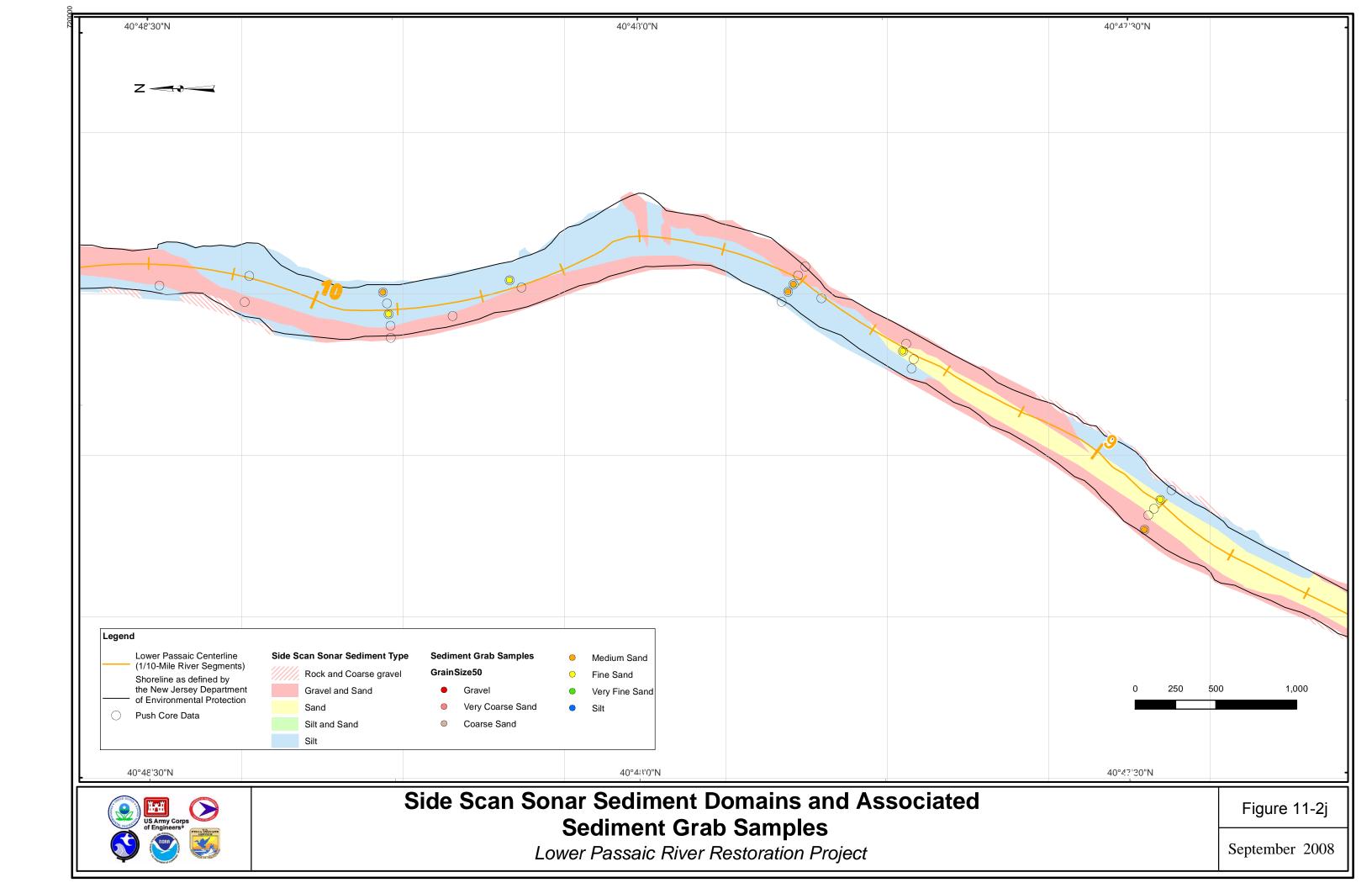


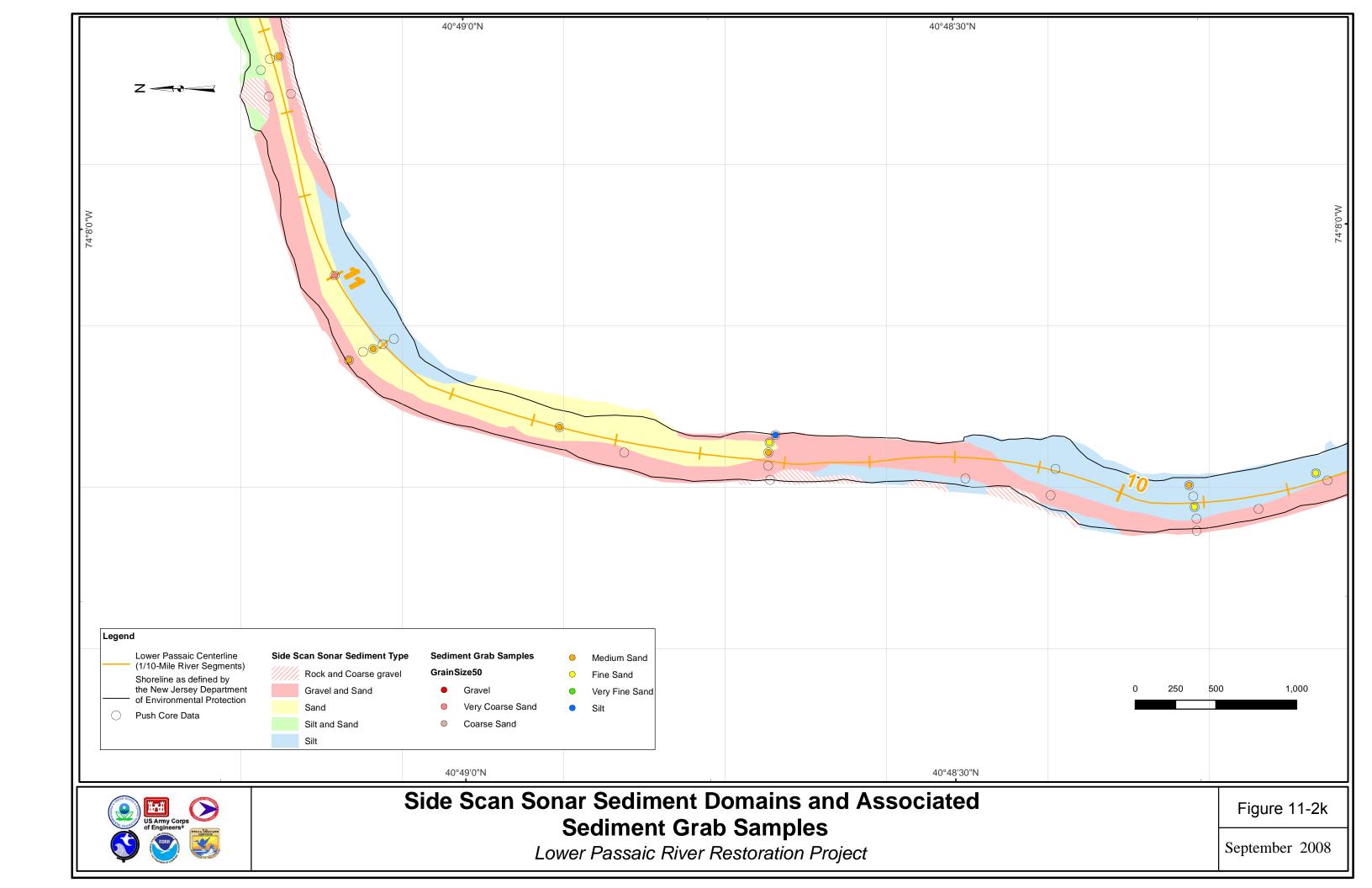


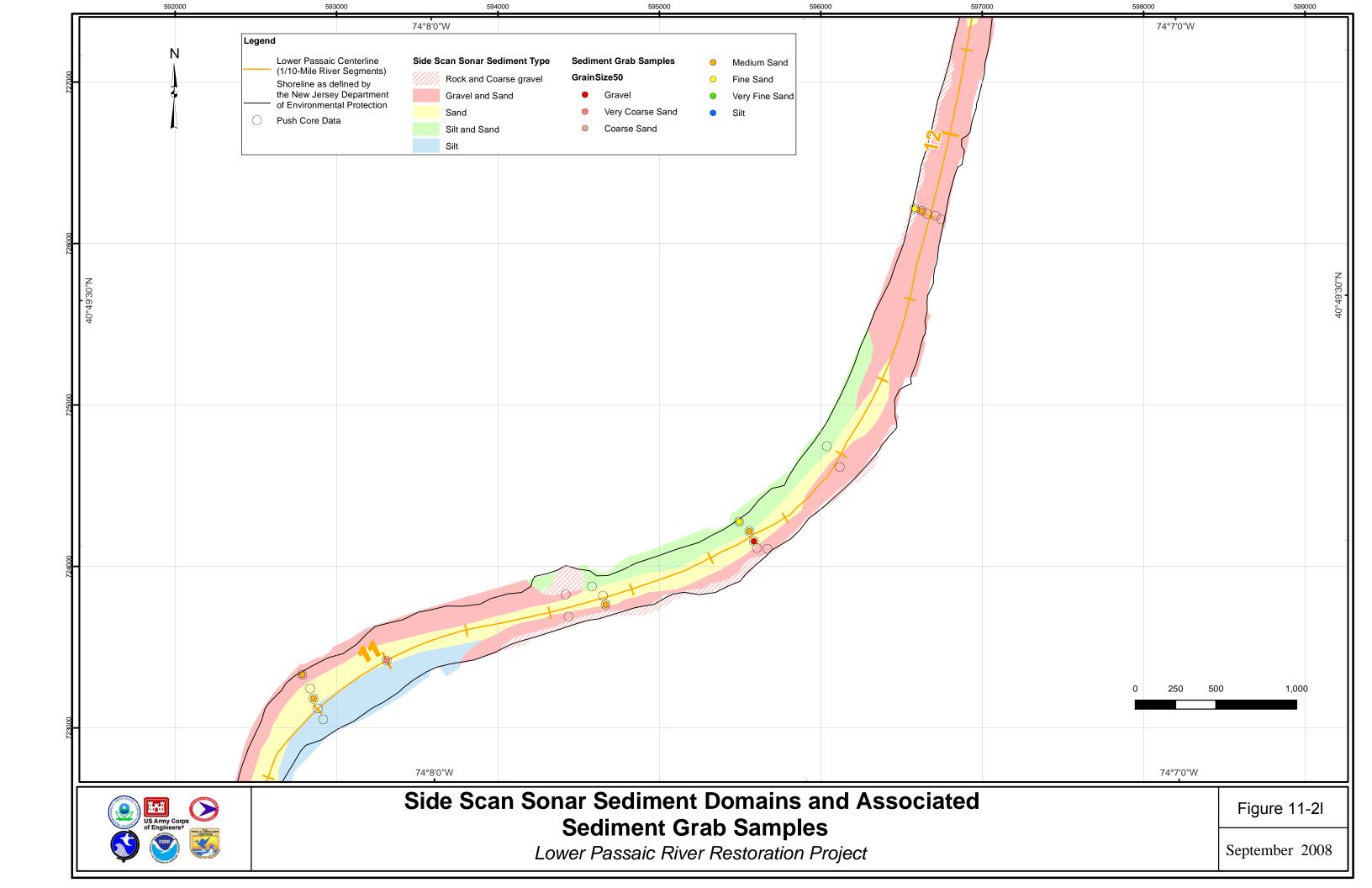


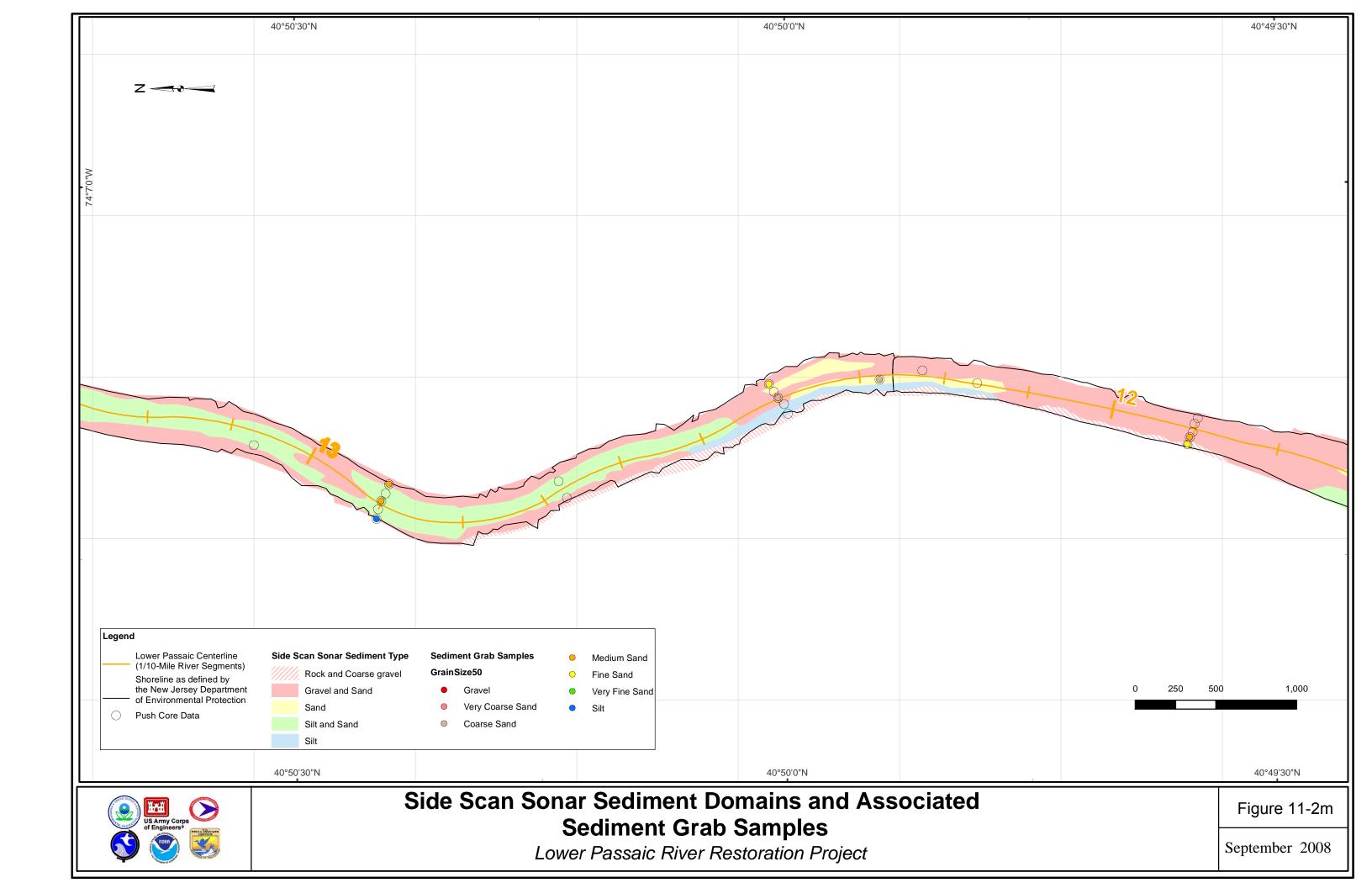


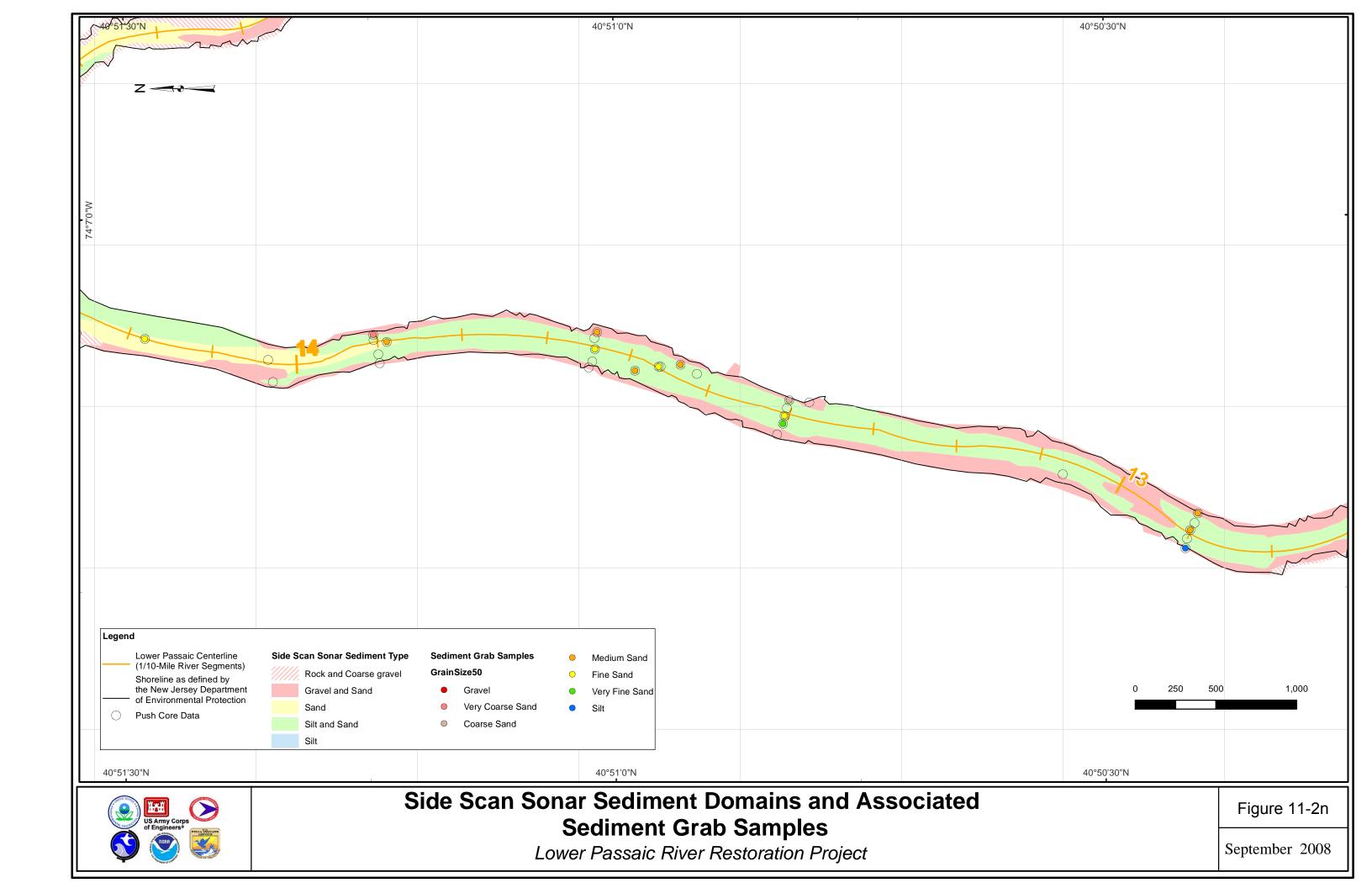


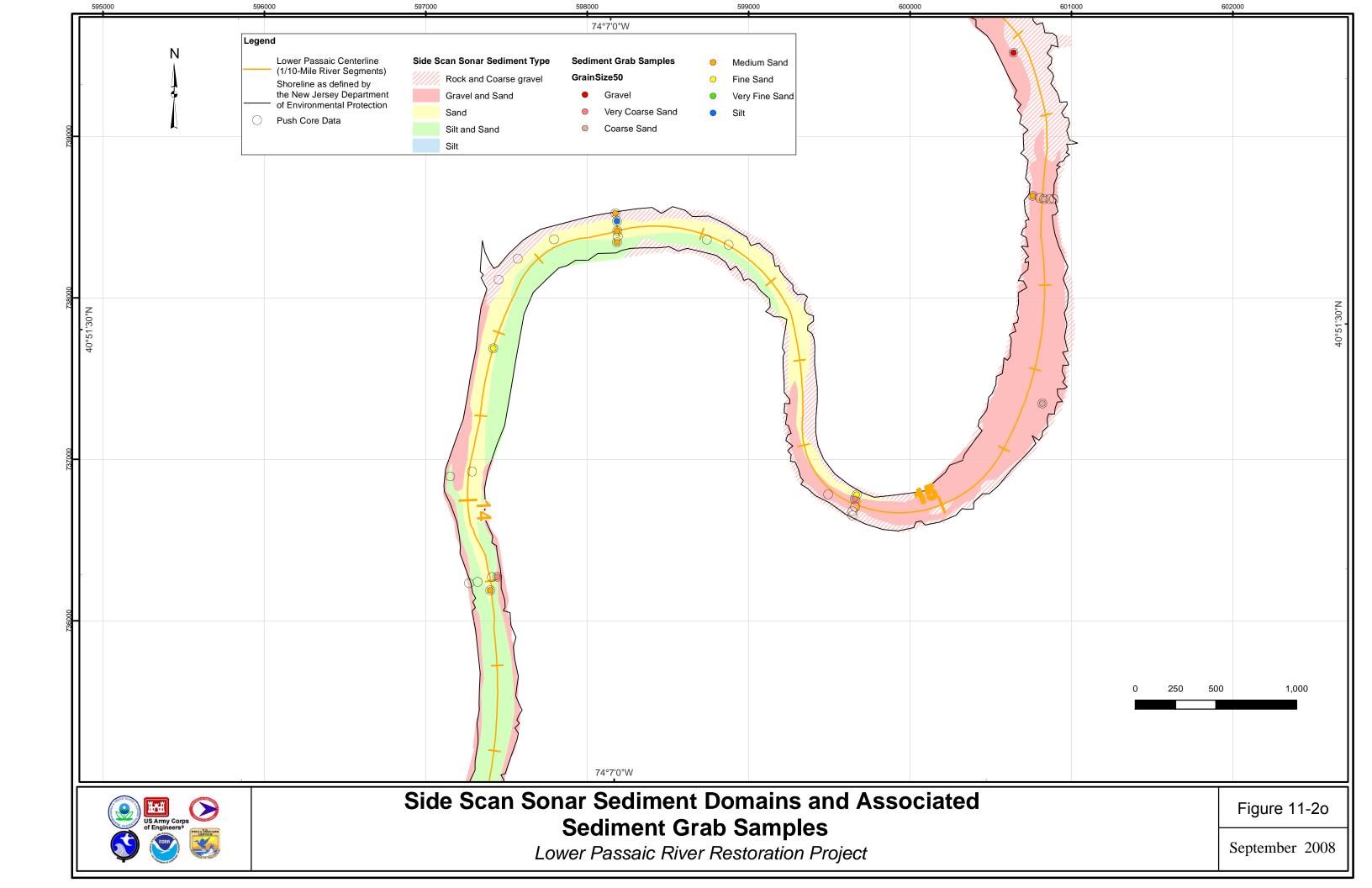


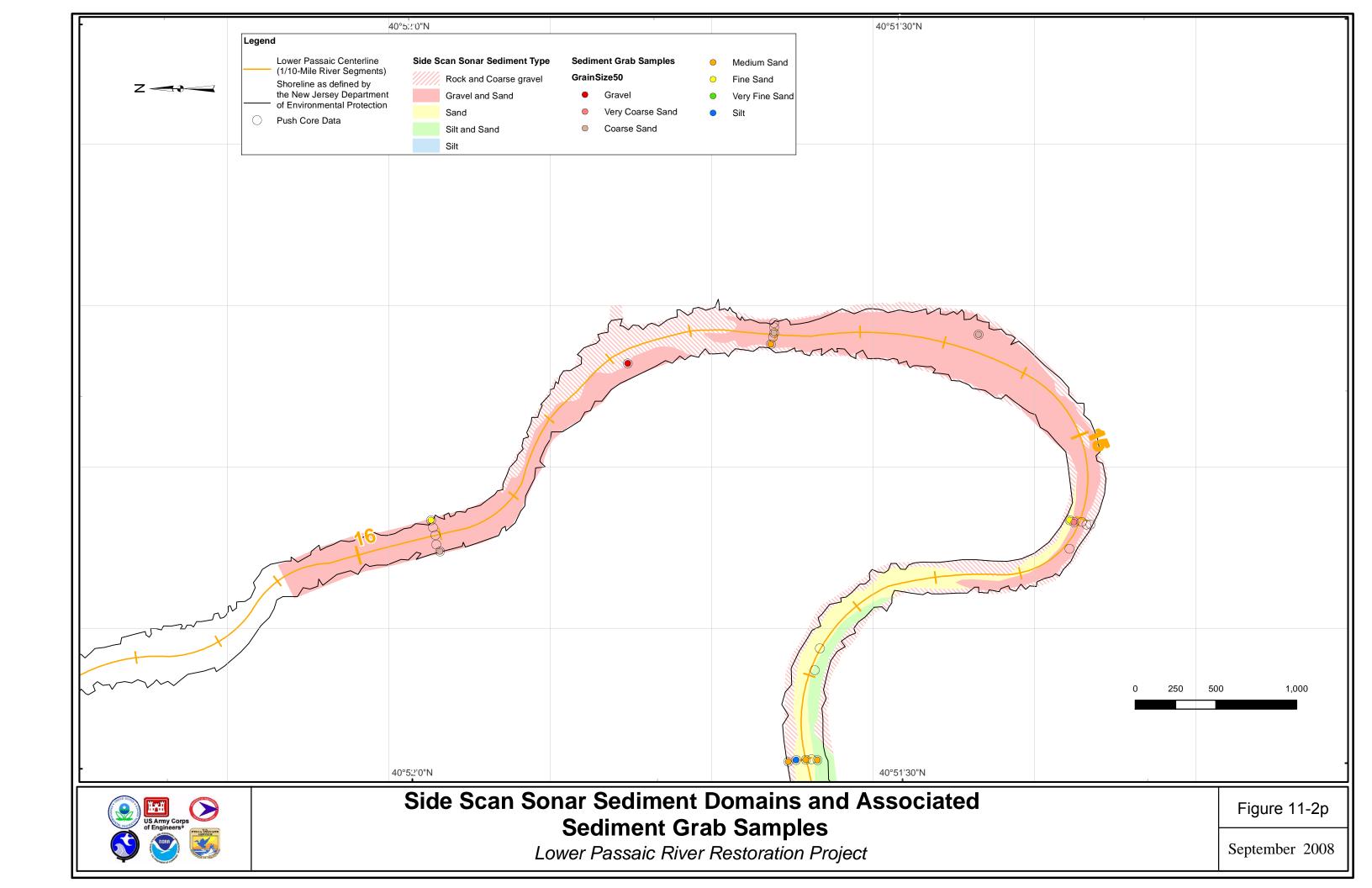


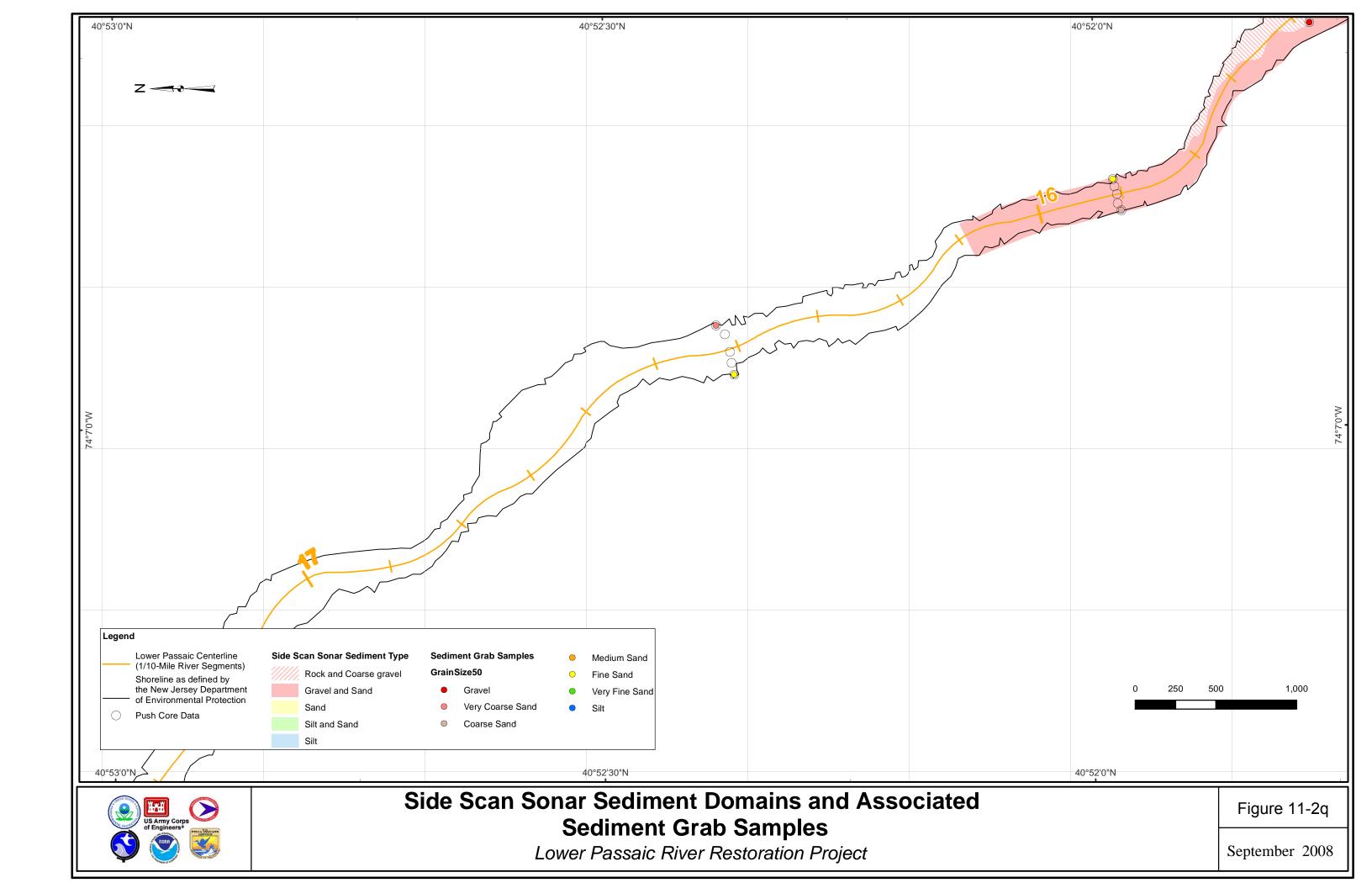


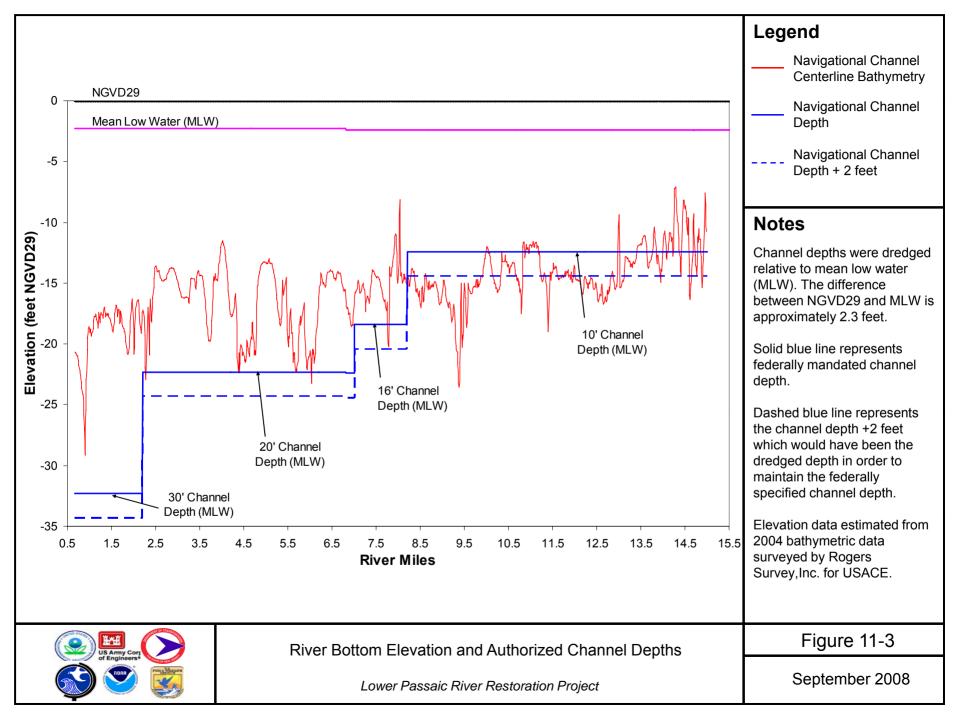


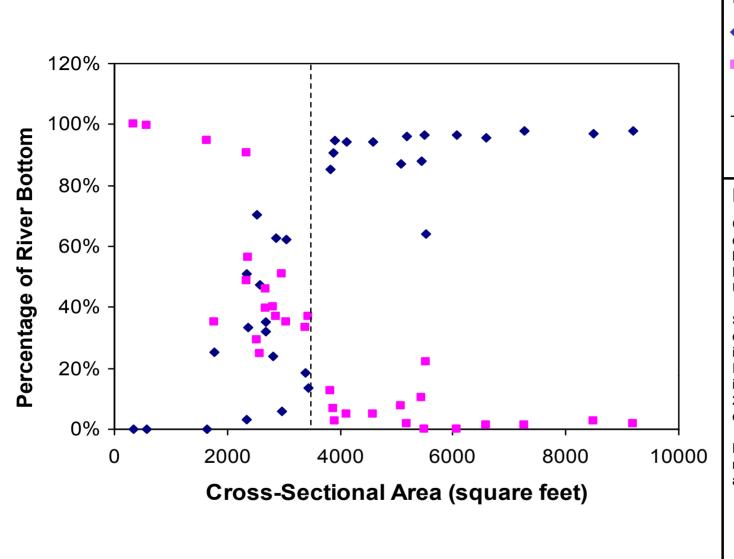












Legend

- Fine-grained sediment
- Coarse-grained sediment

Highlights the change to --- a river cross sectional area of 3,500 square feet

Notes

Cross-sectional area estimated from 2004 bathymetric data surveyed by Rogers Survey, Inc. for USACE.

Sediment texture was evaluated based on data interpolated by Aqua Survey, Inc. using side-scan sonar images (Aqua Survey, Inc., 2006). Sediment texture data extends from RM0 to RM16.5.

Refer to Figure 1-6 for relationship between river mile and cross-sectional area.

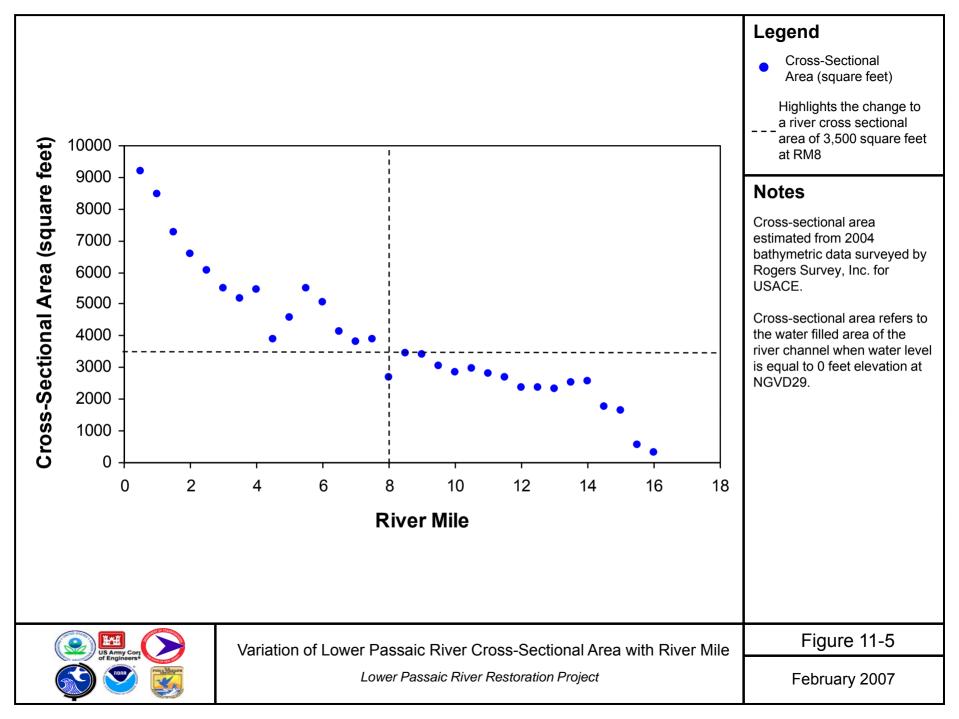


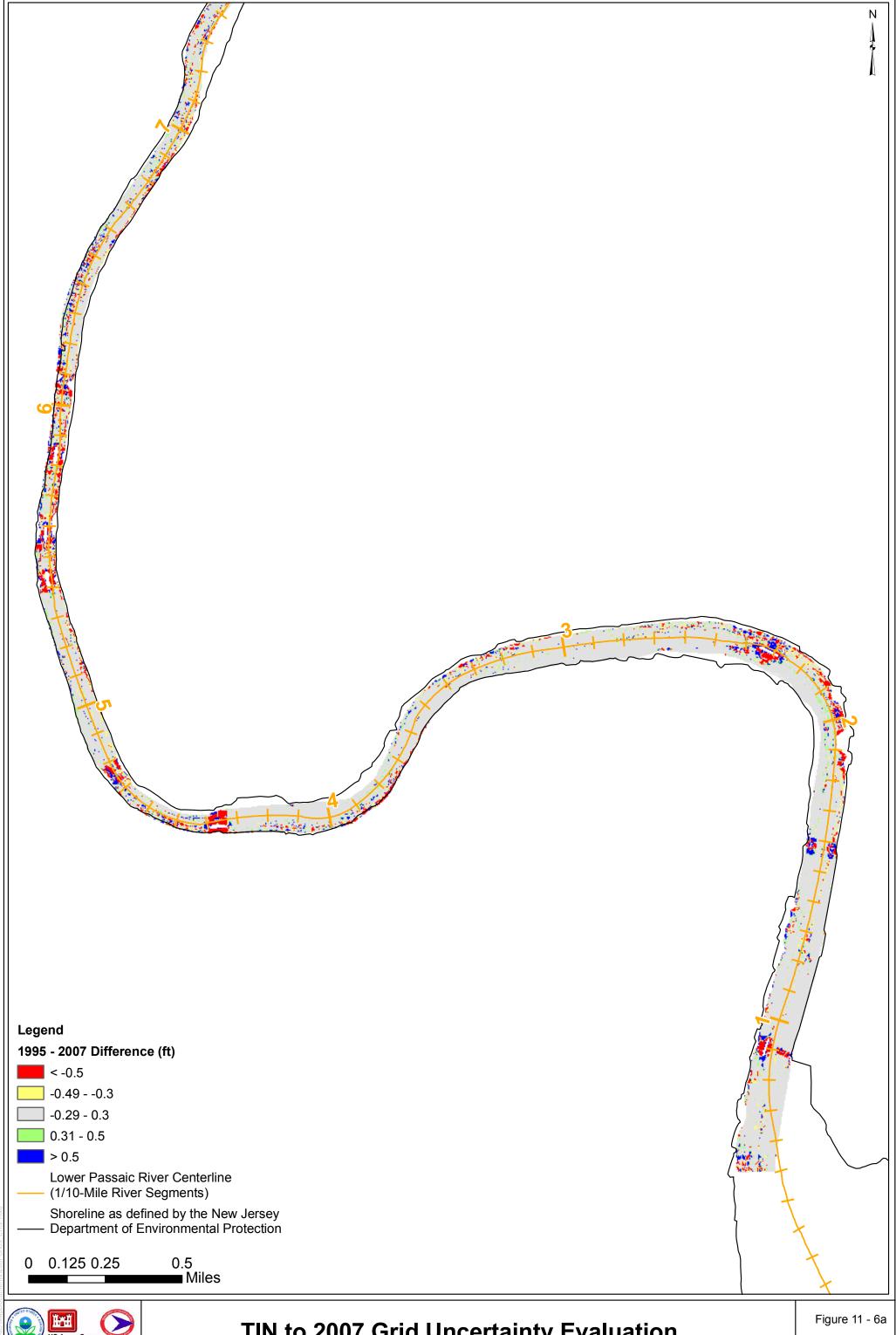
Variation of Lower Passaic River Sediment Type with River Cross-Sectional Area

Lower Passaic River Restoration Project

Figure 11-4

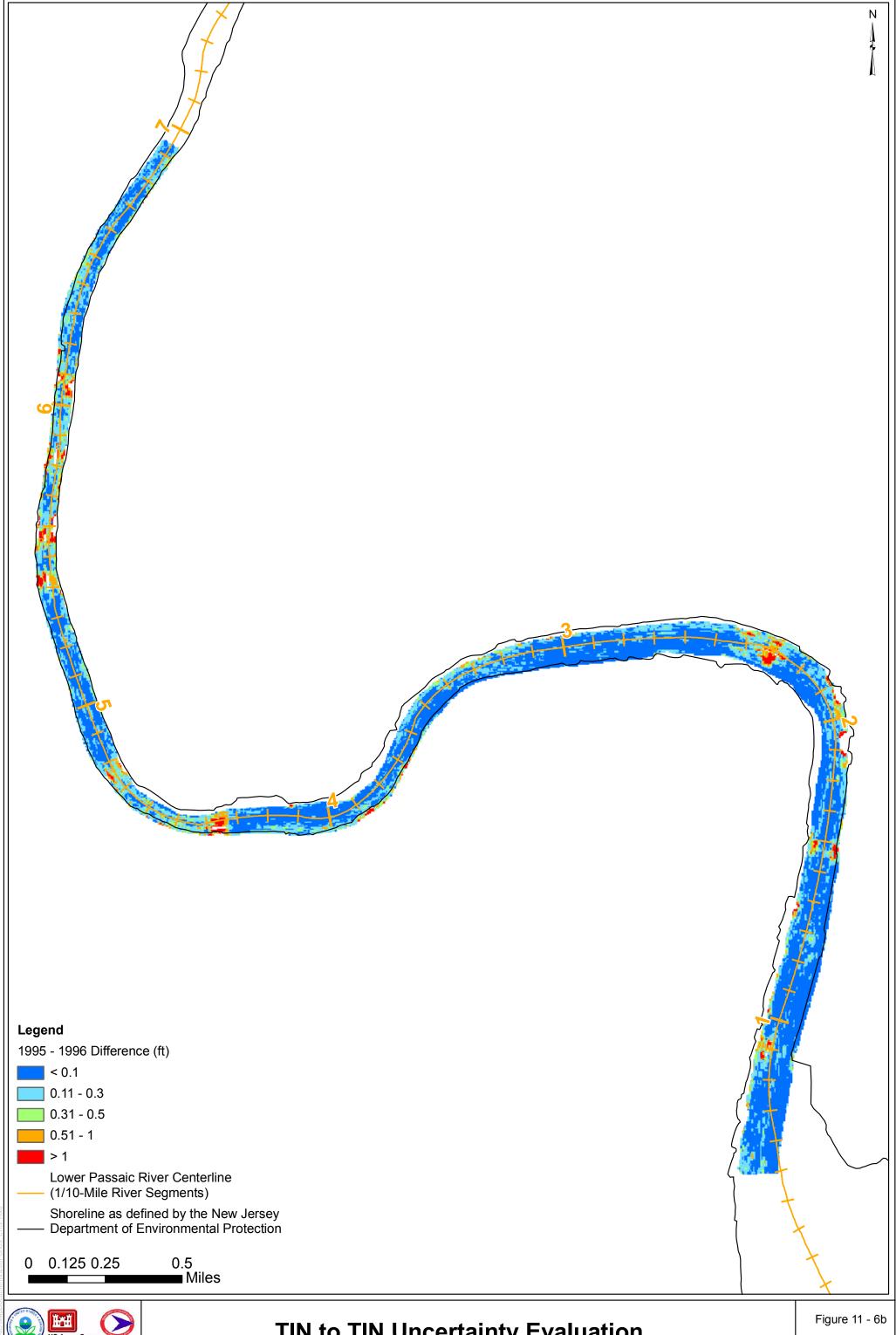
February 2007



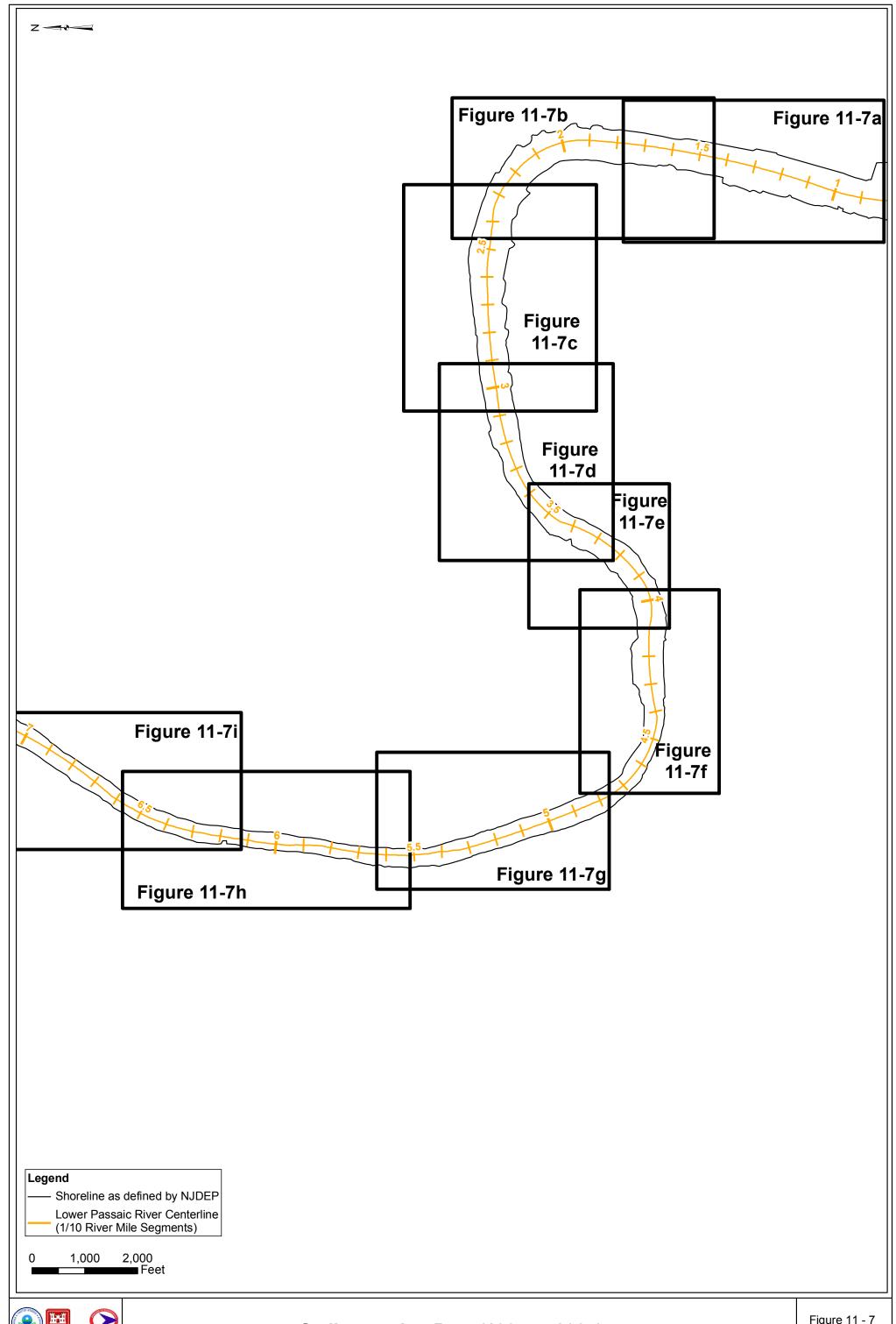


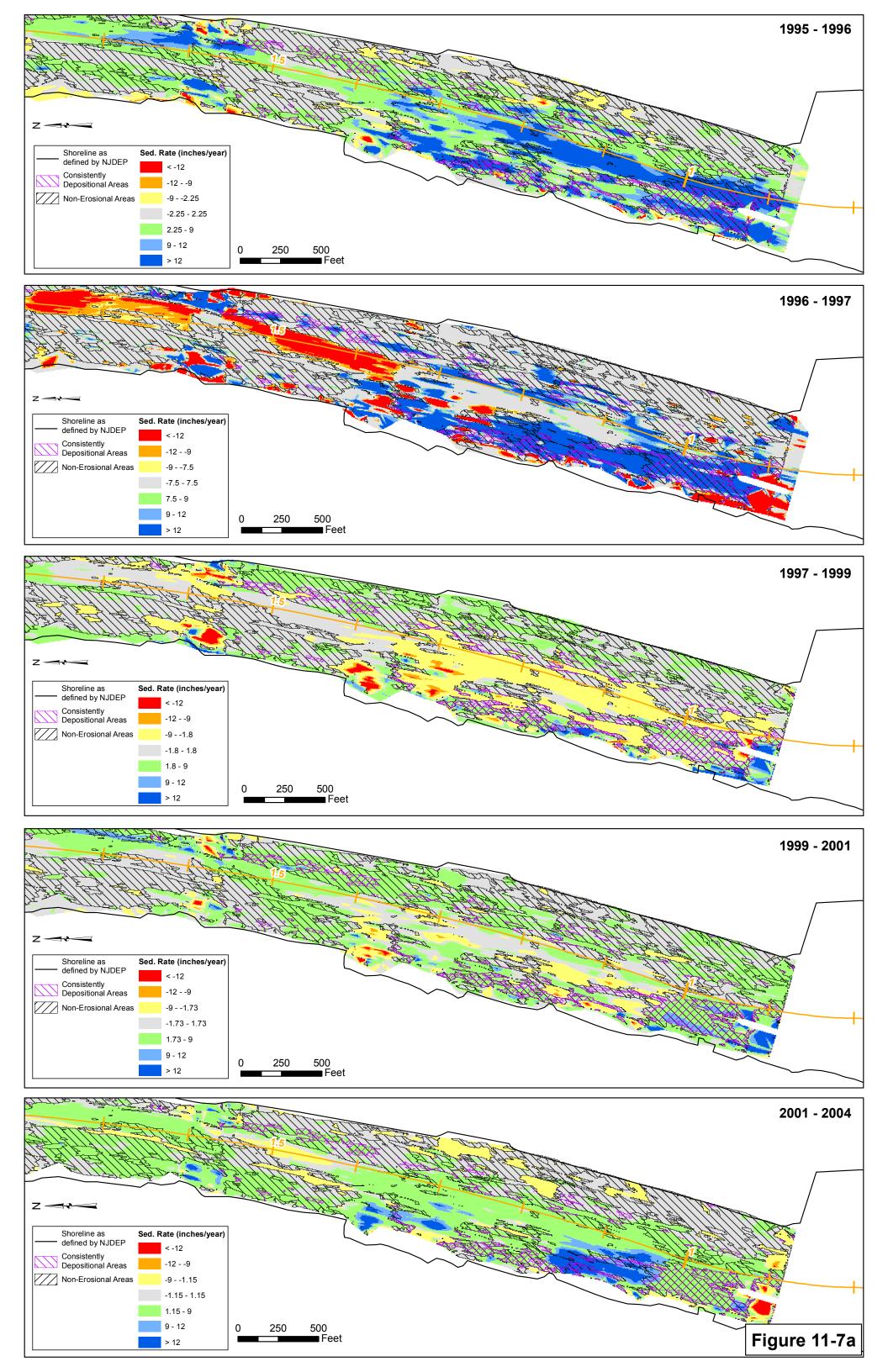


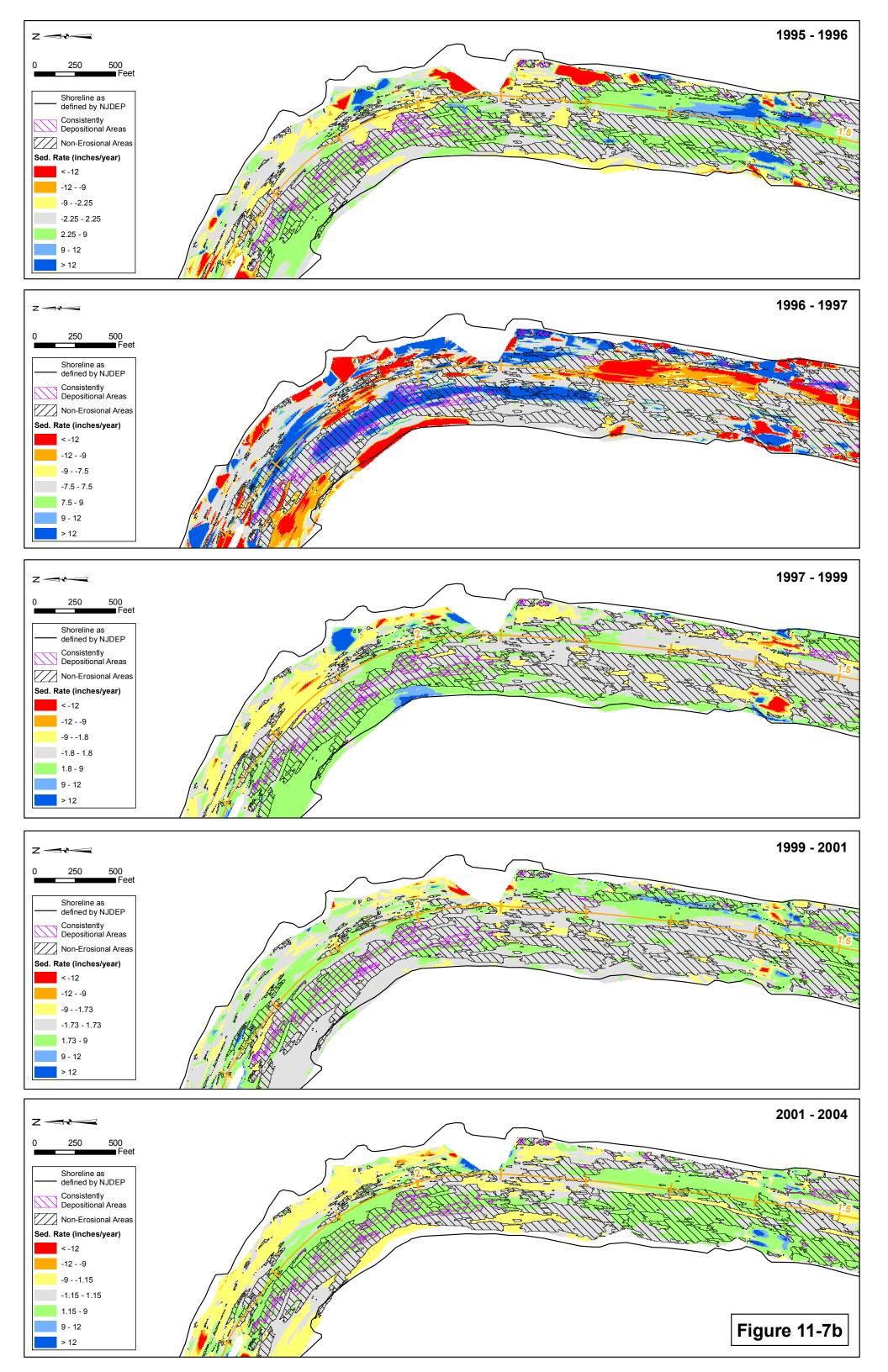
Lower Passaic River Restoration Project

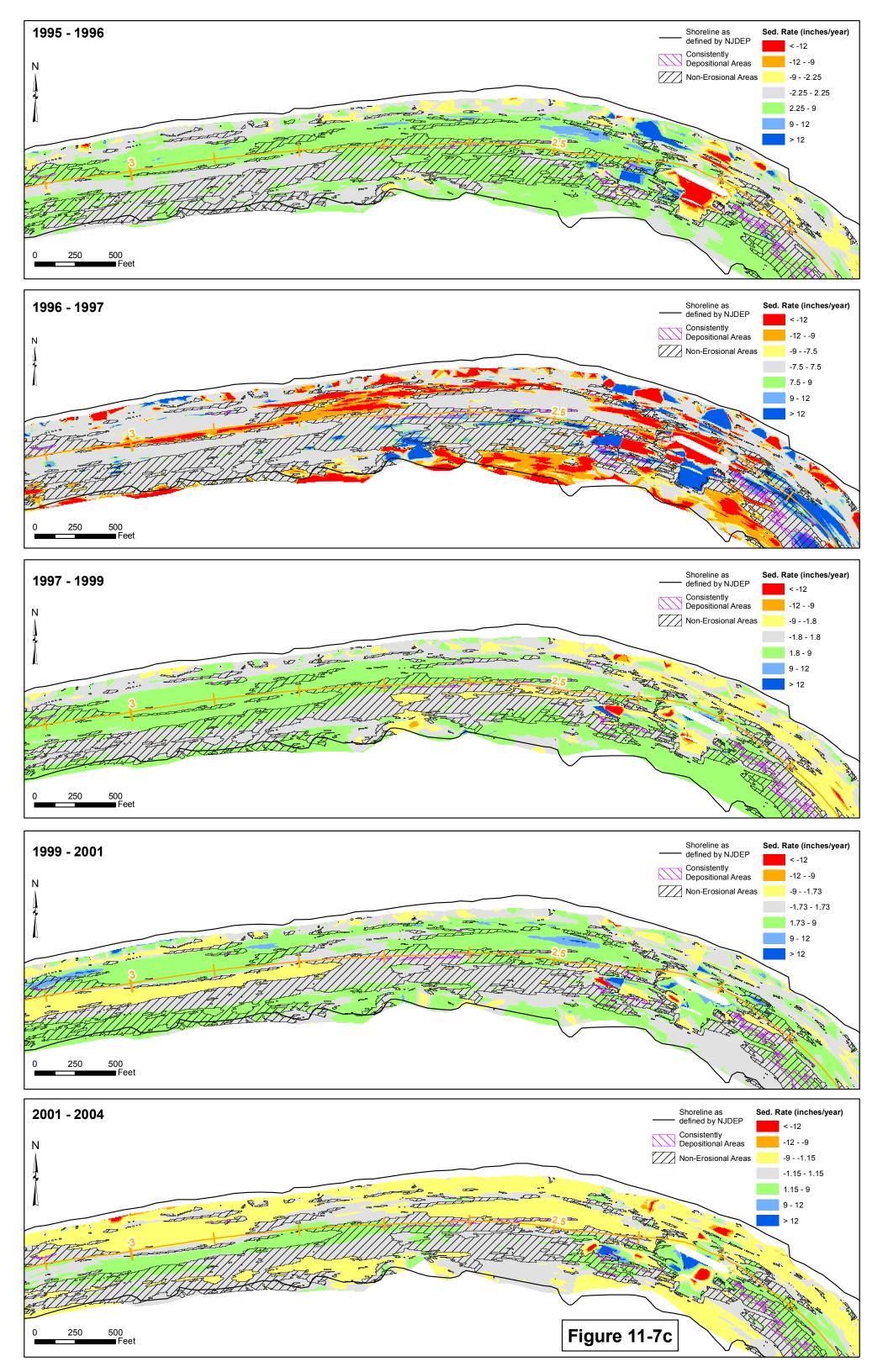


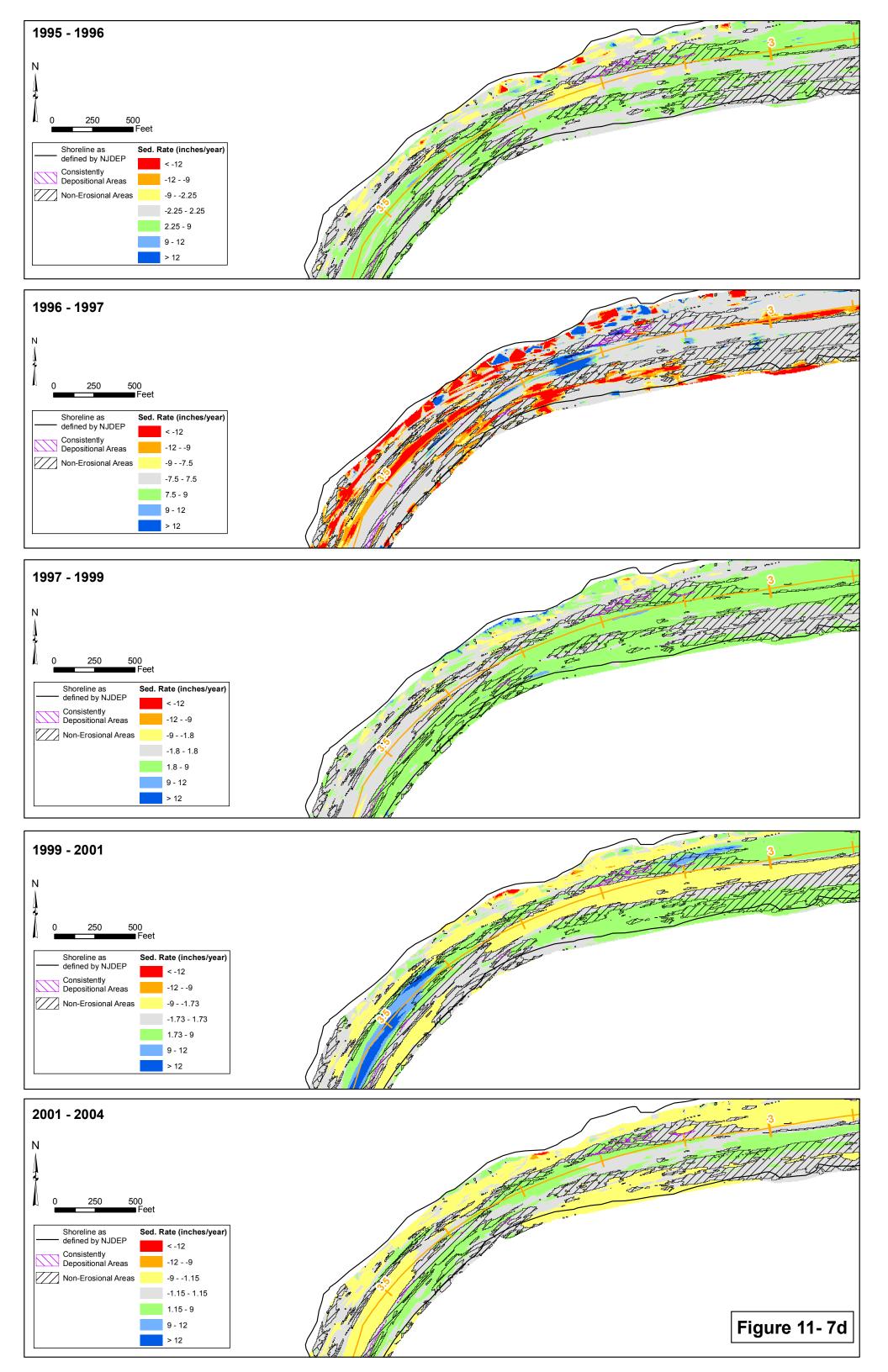


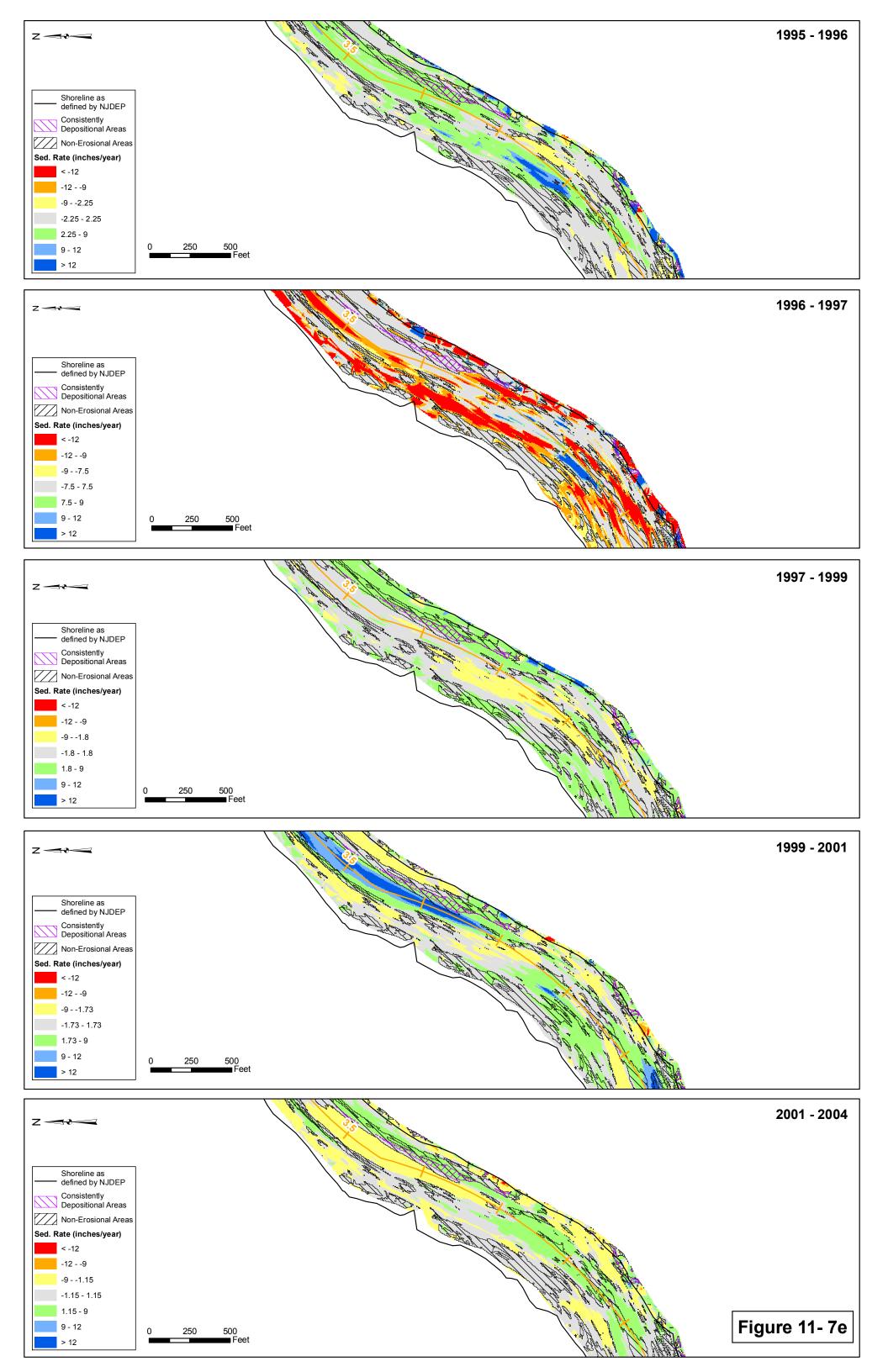


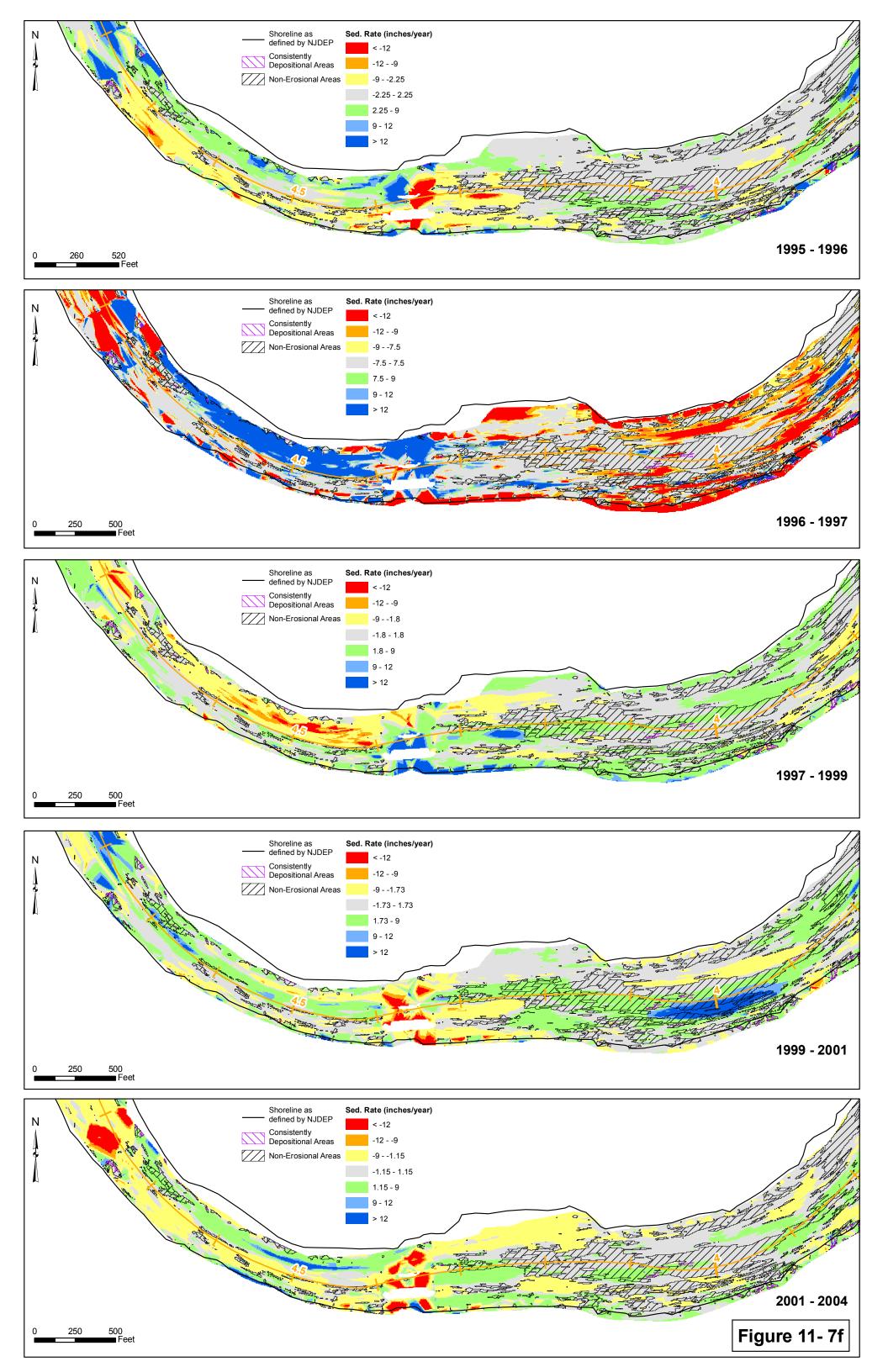


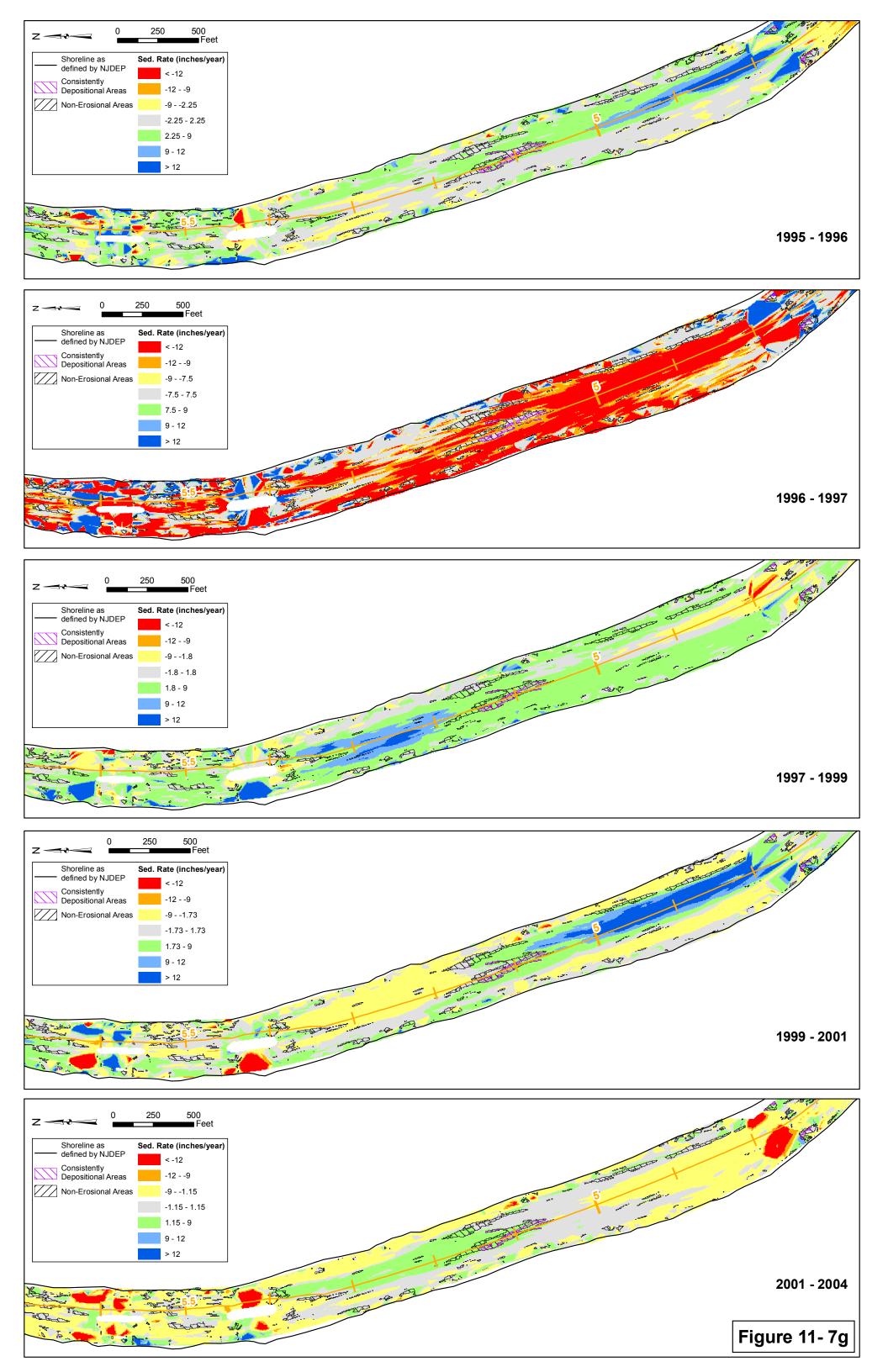


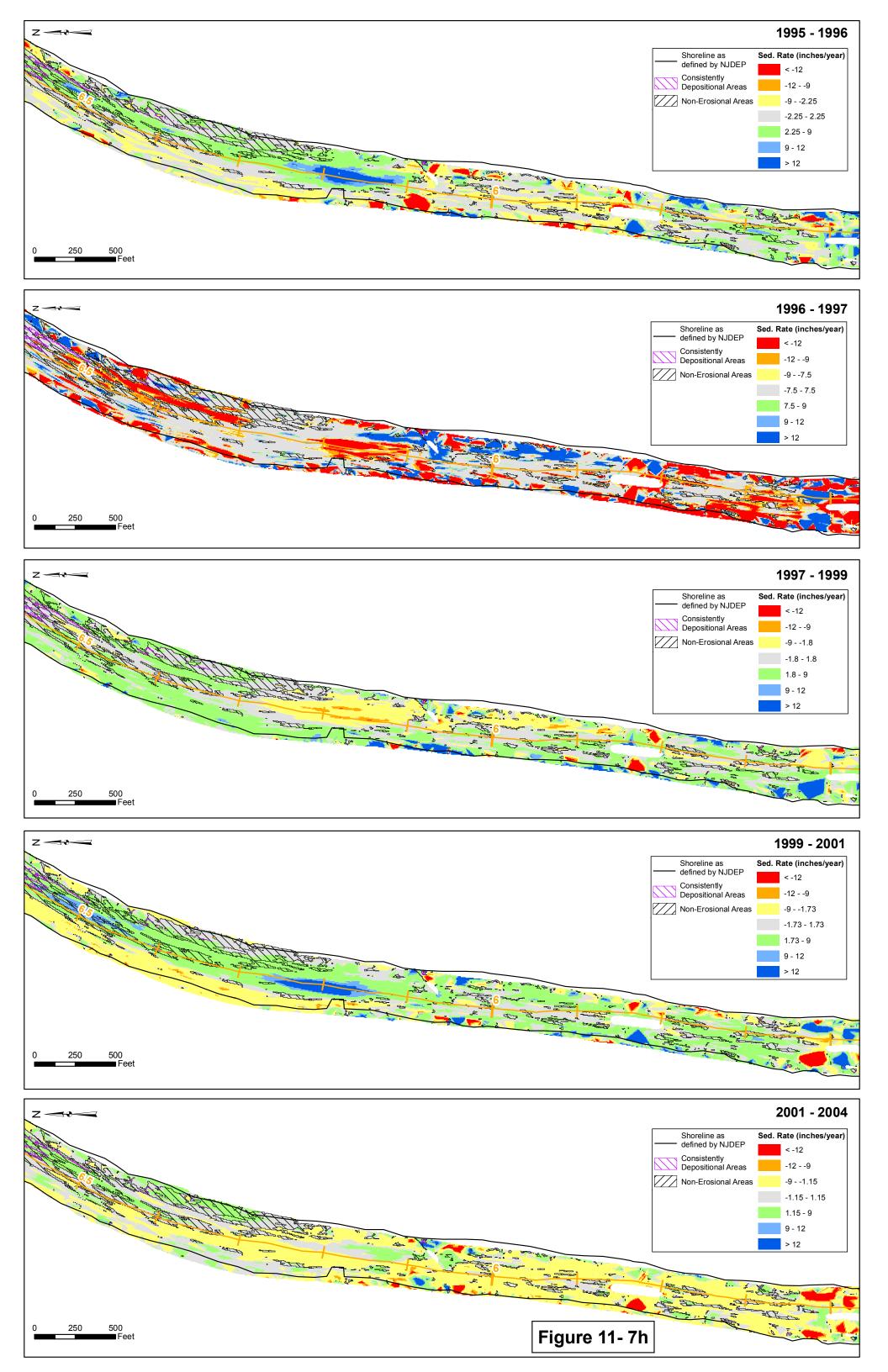


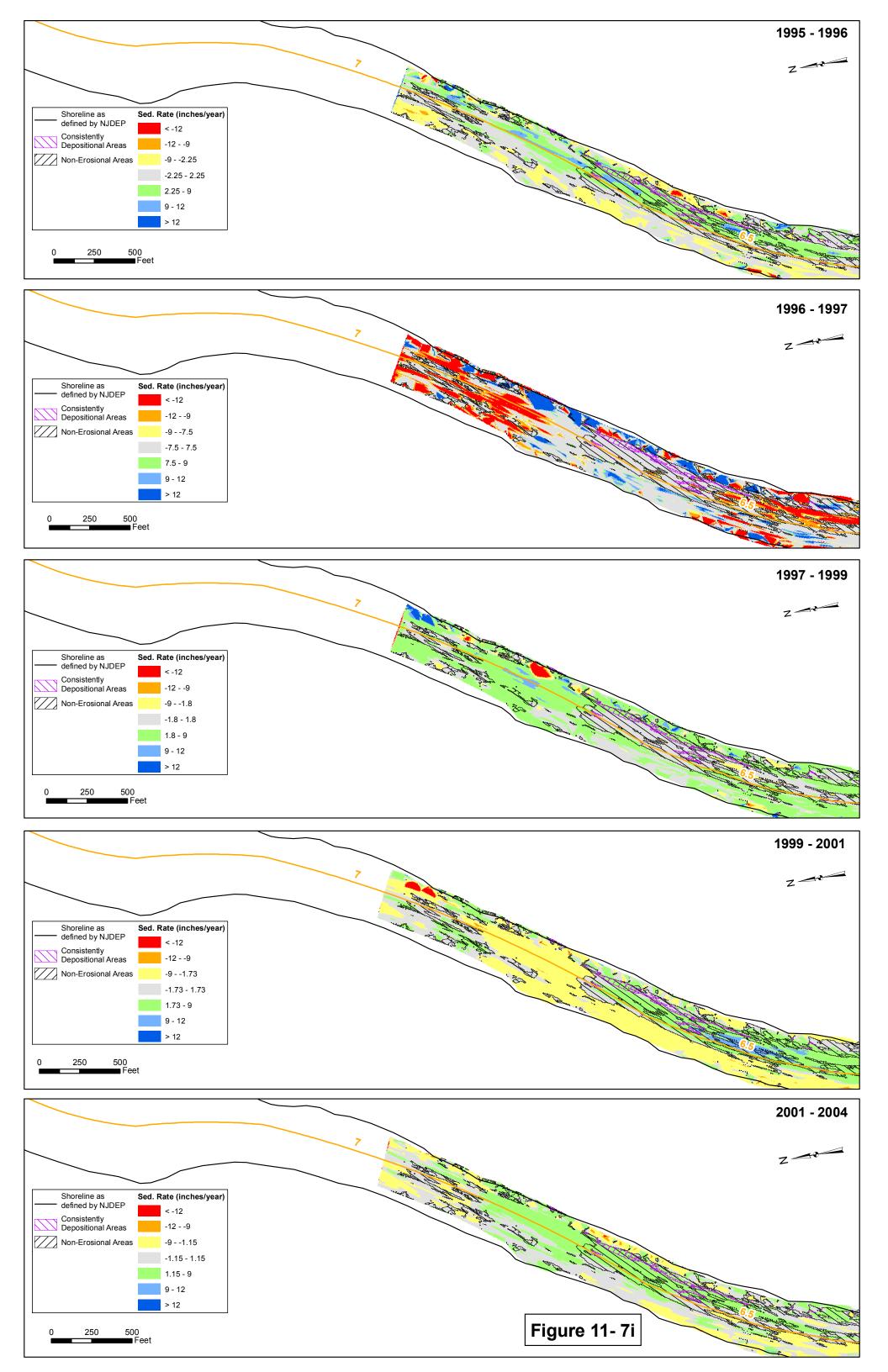


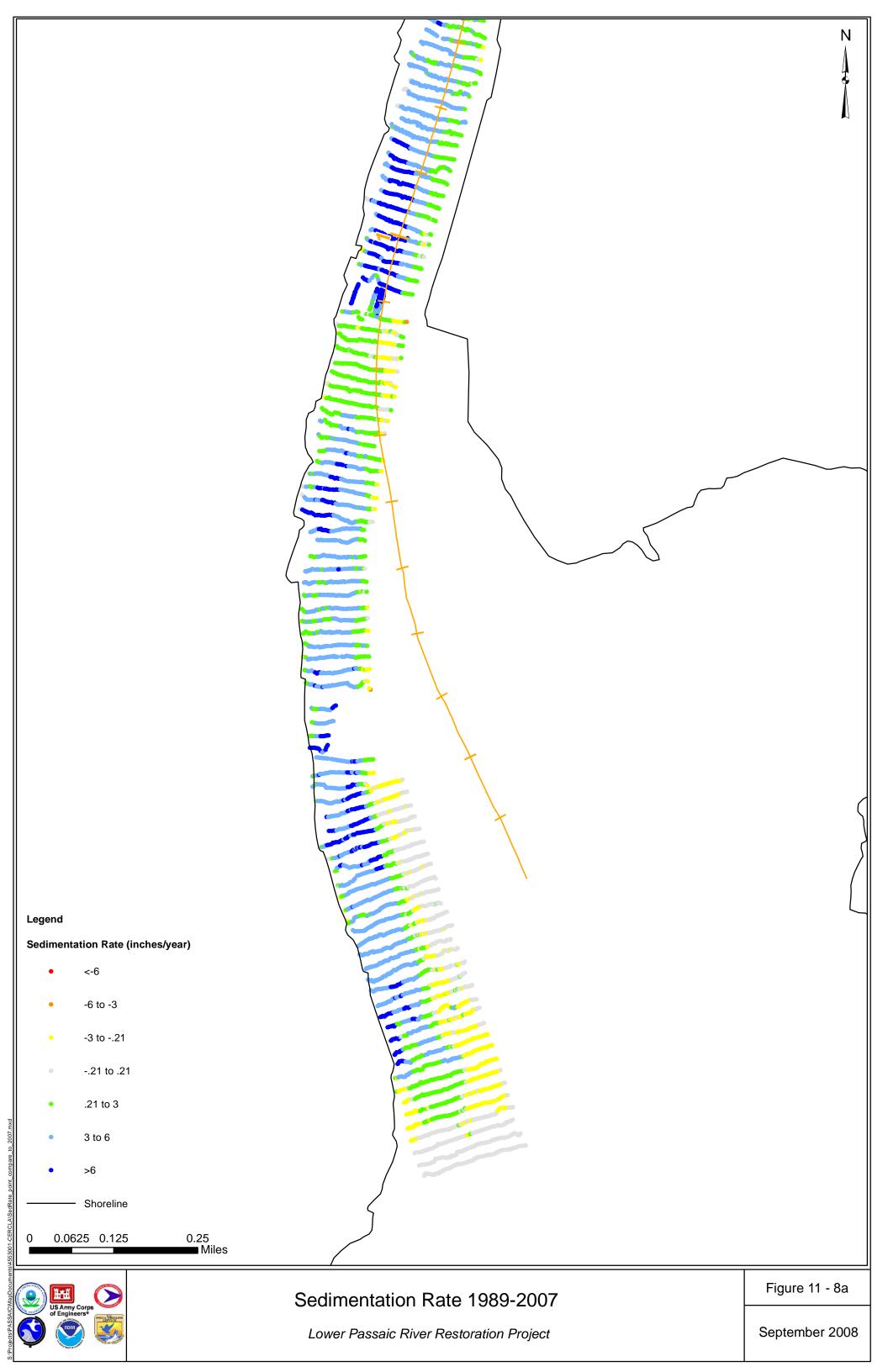


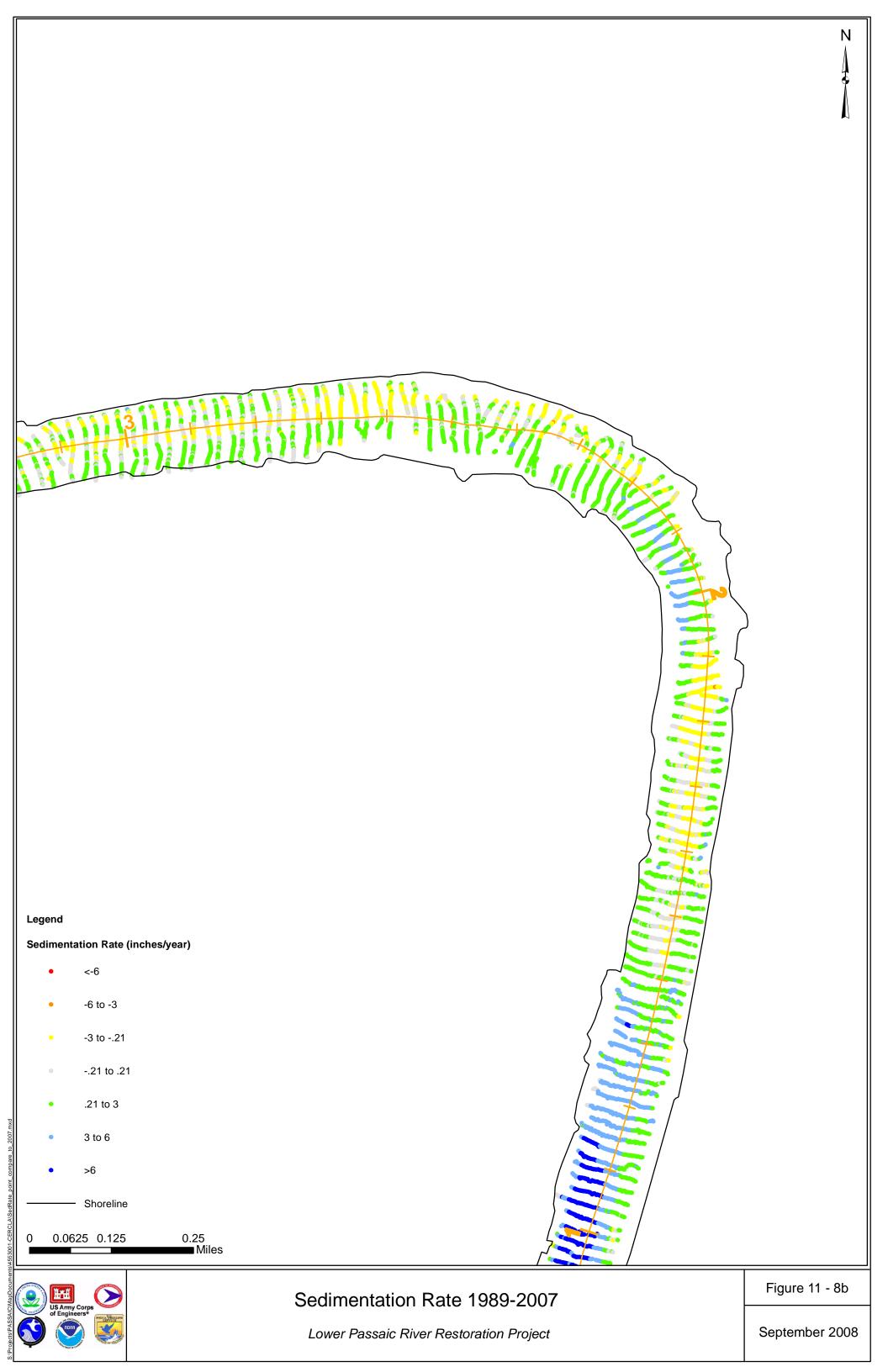


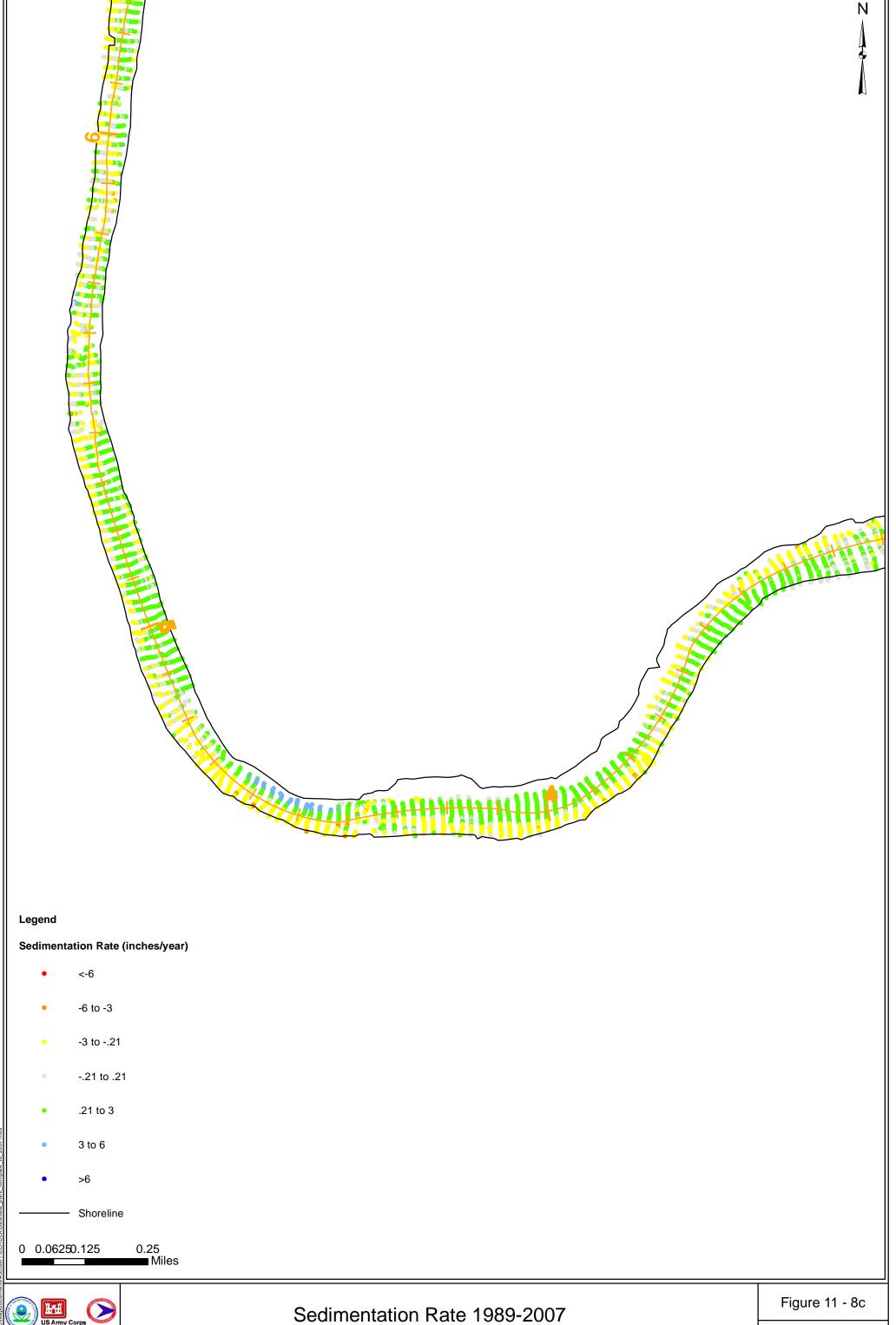


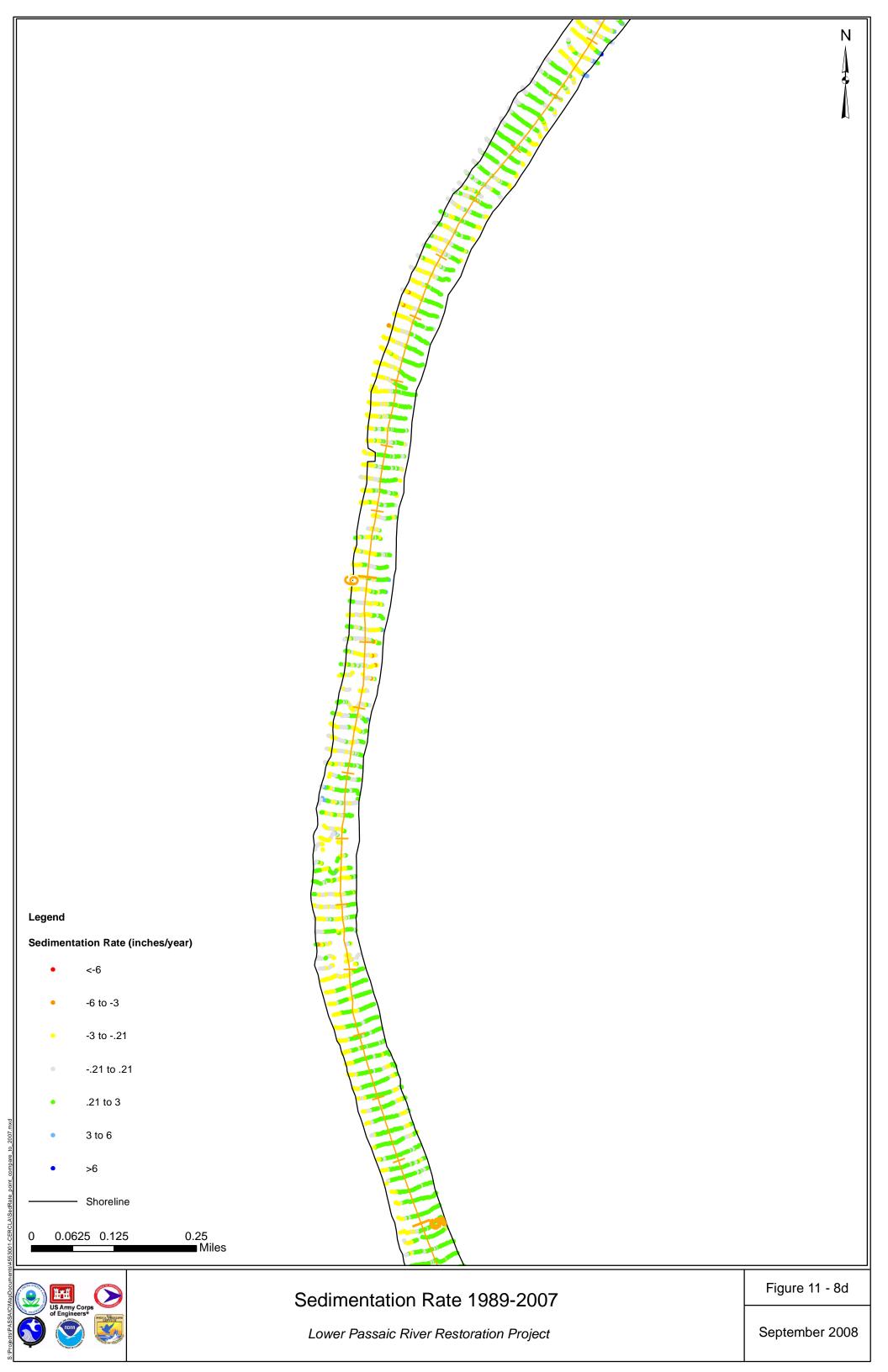


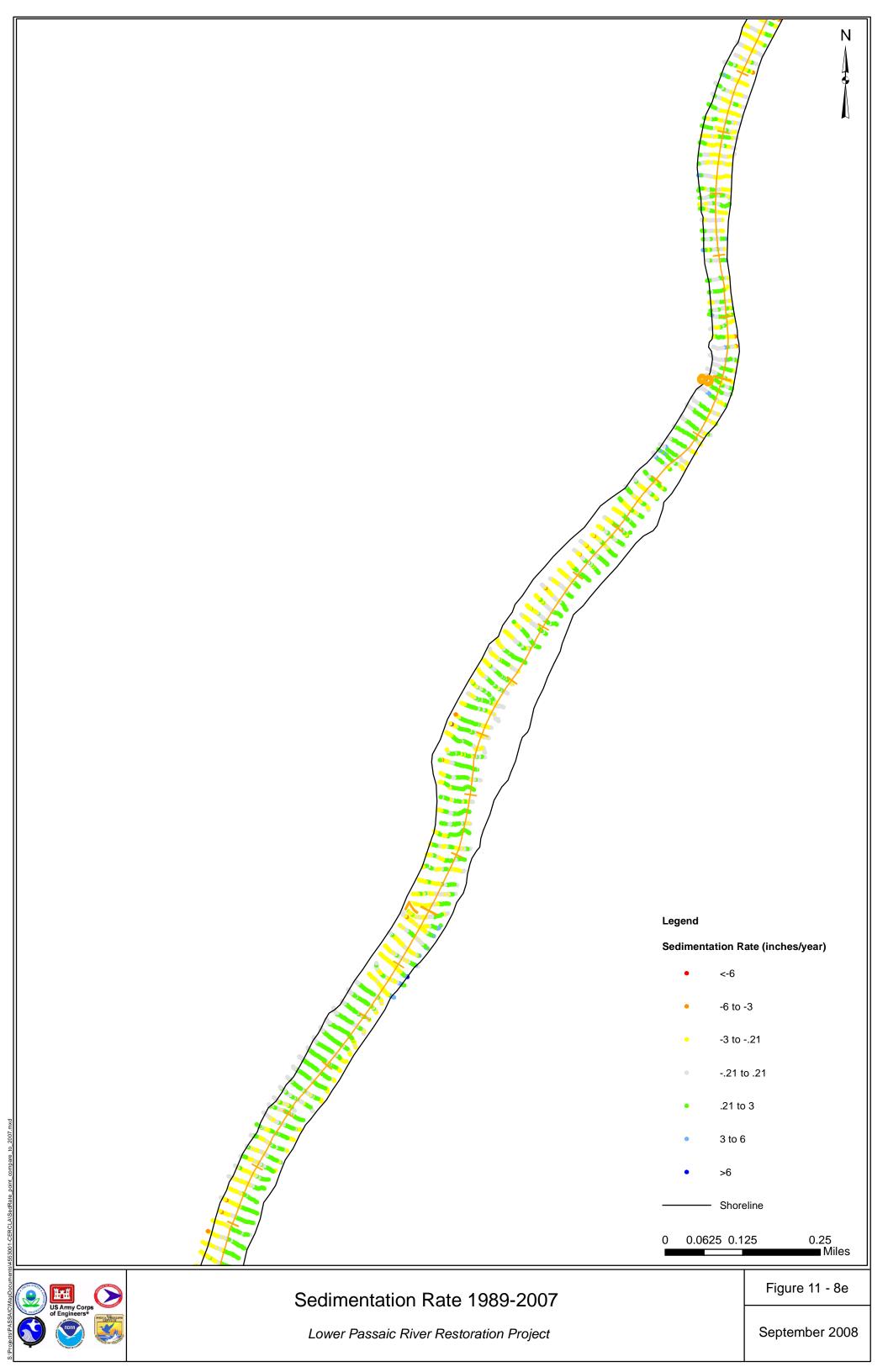


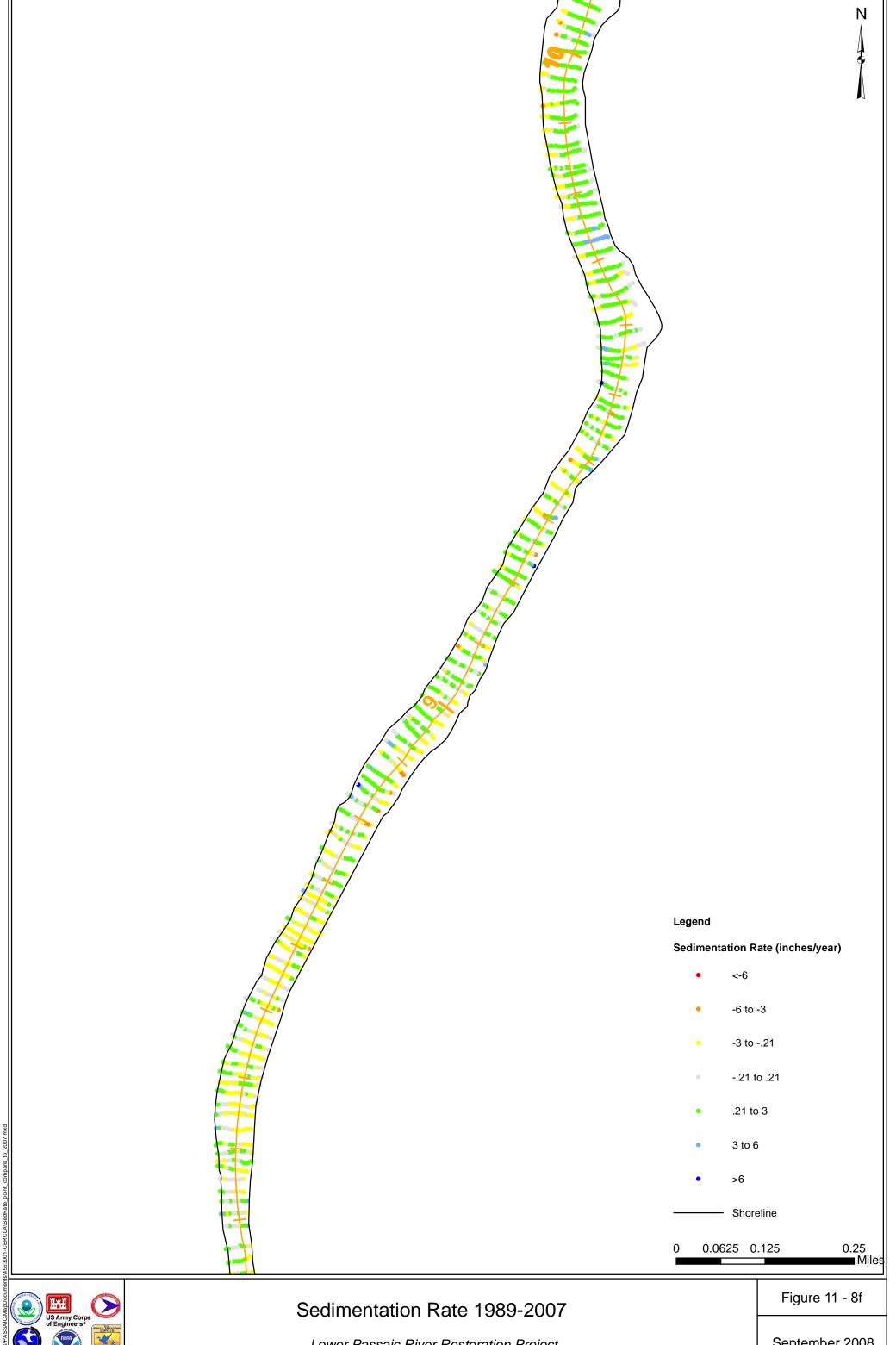




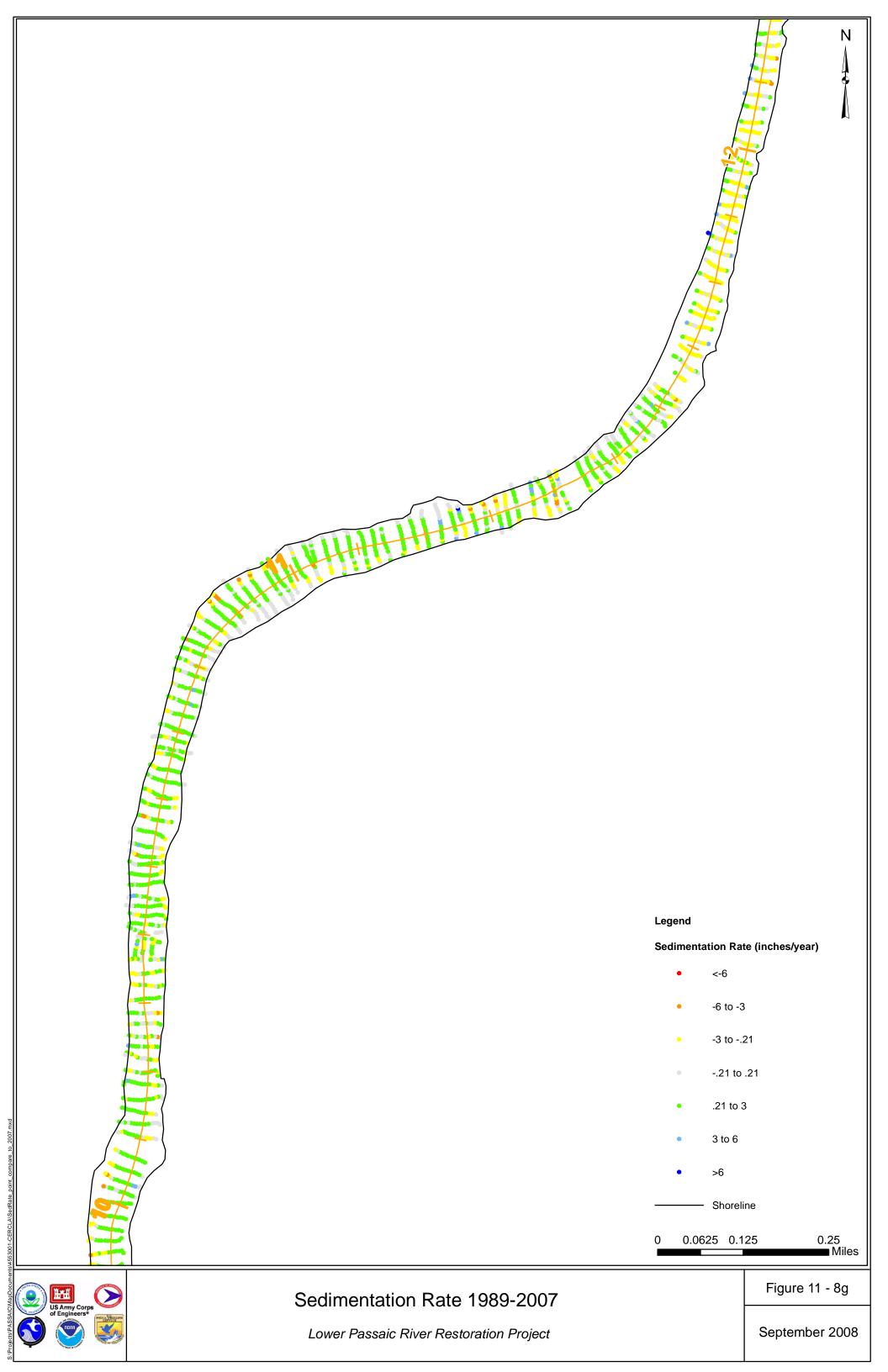


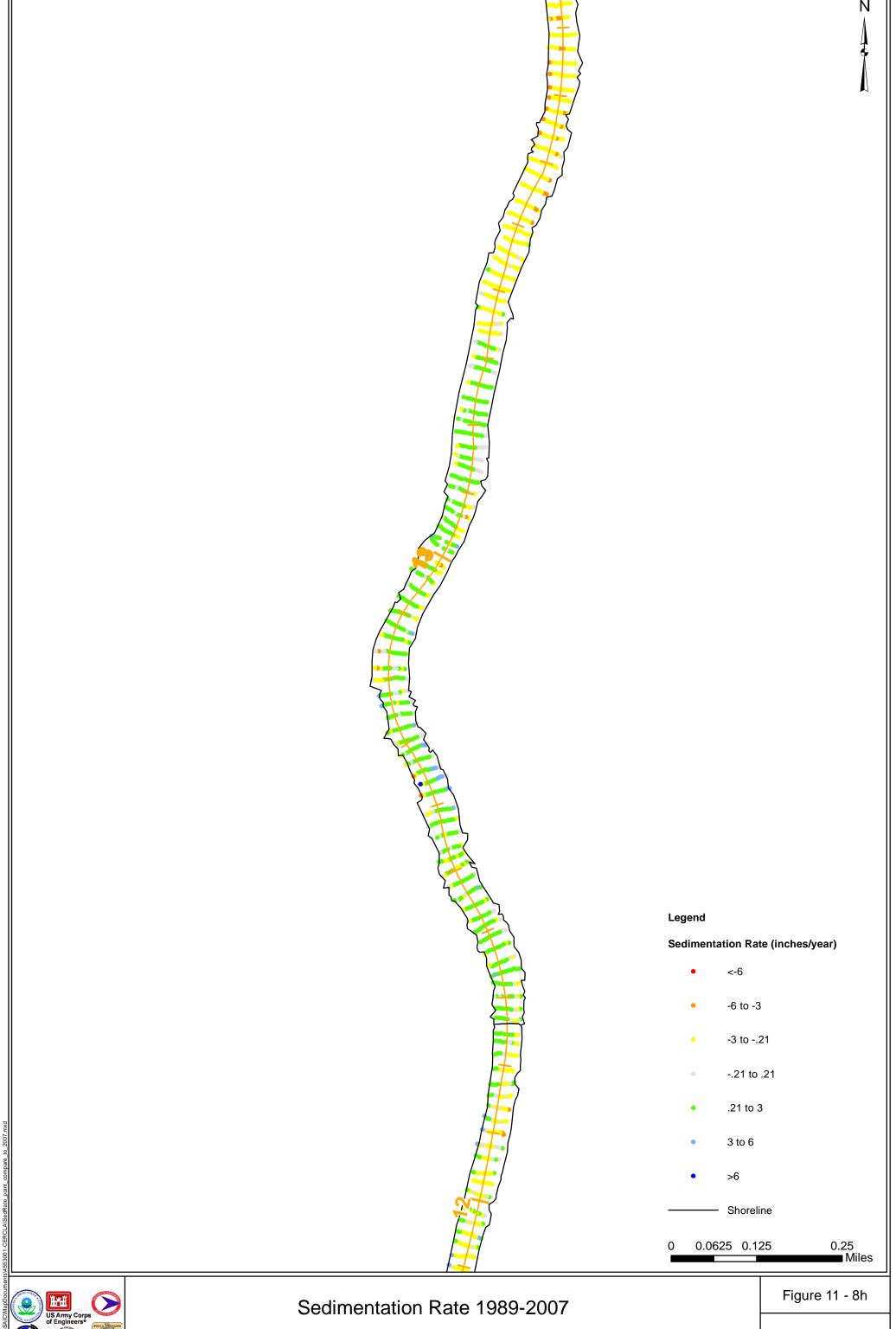




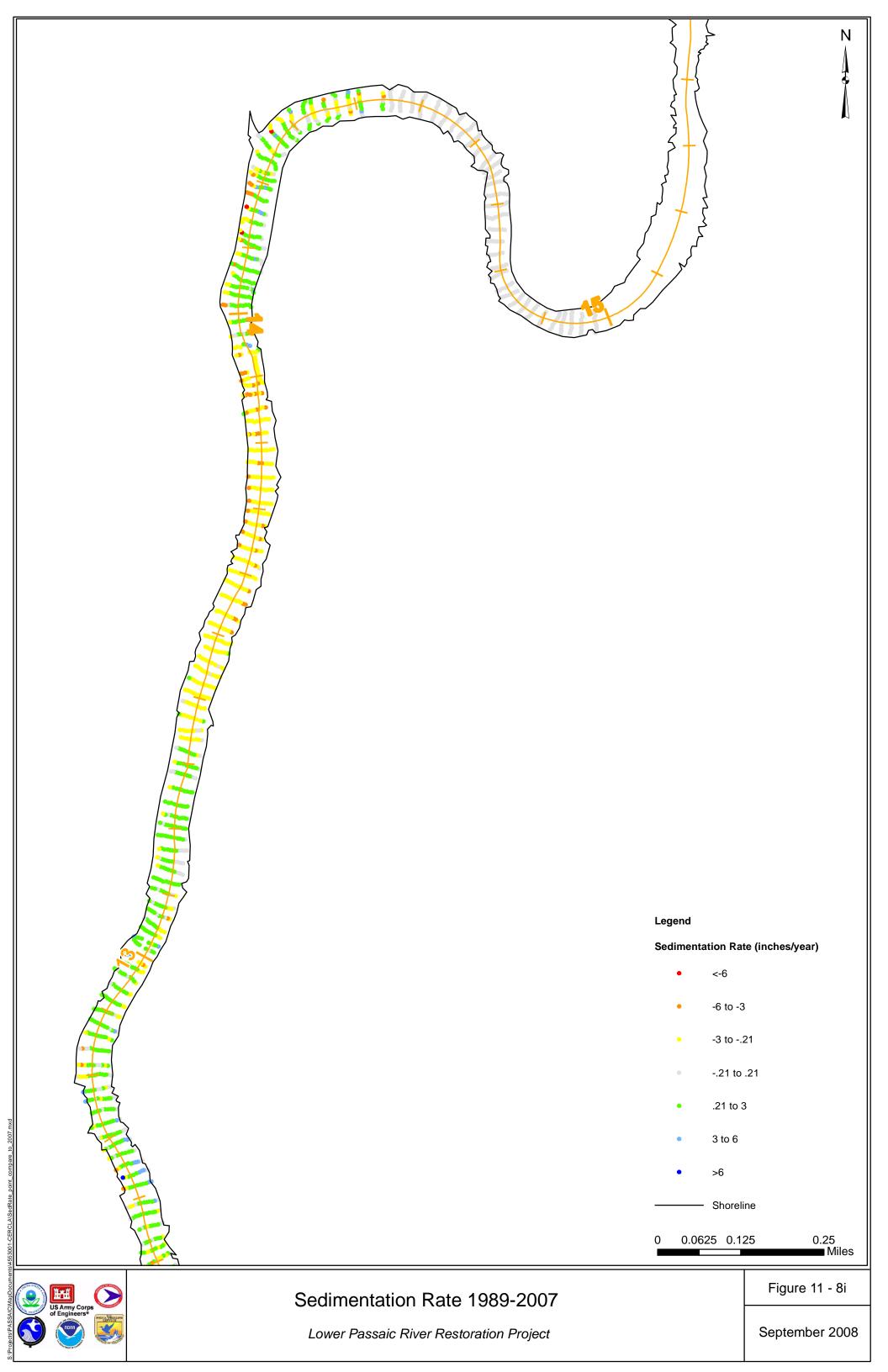


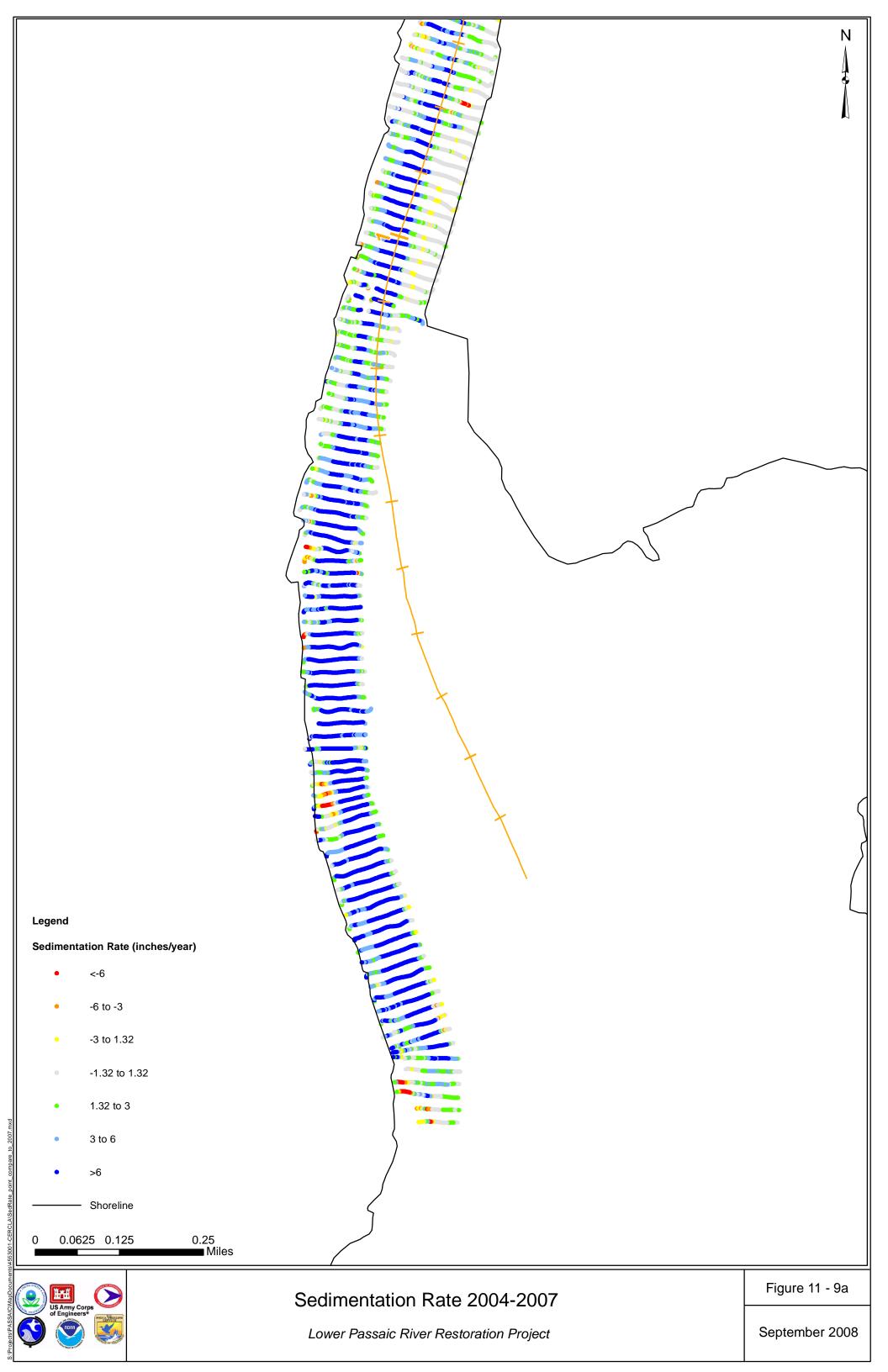
Lower Passaic River Restoration Project

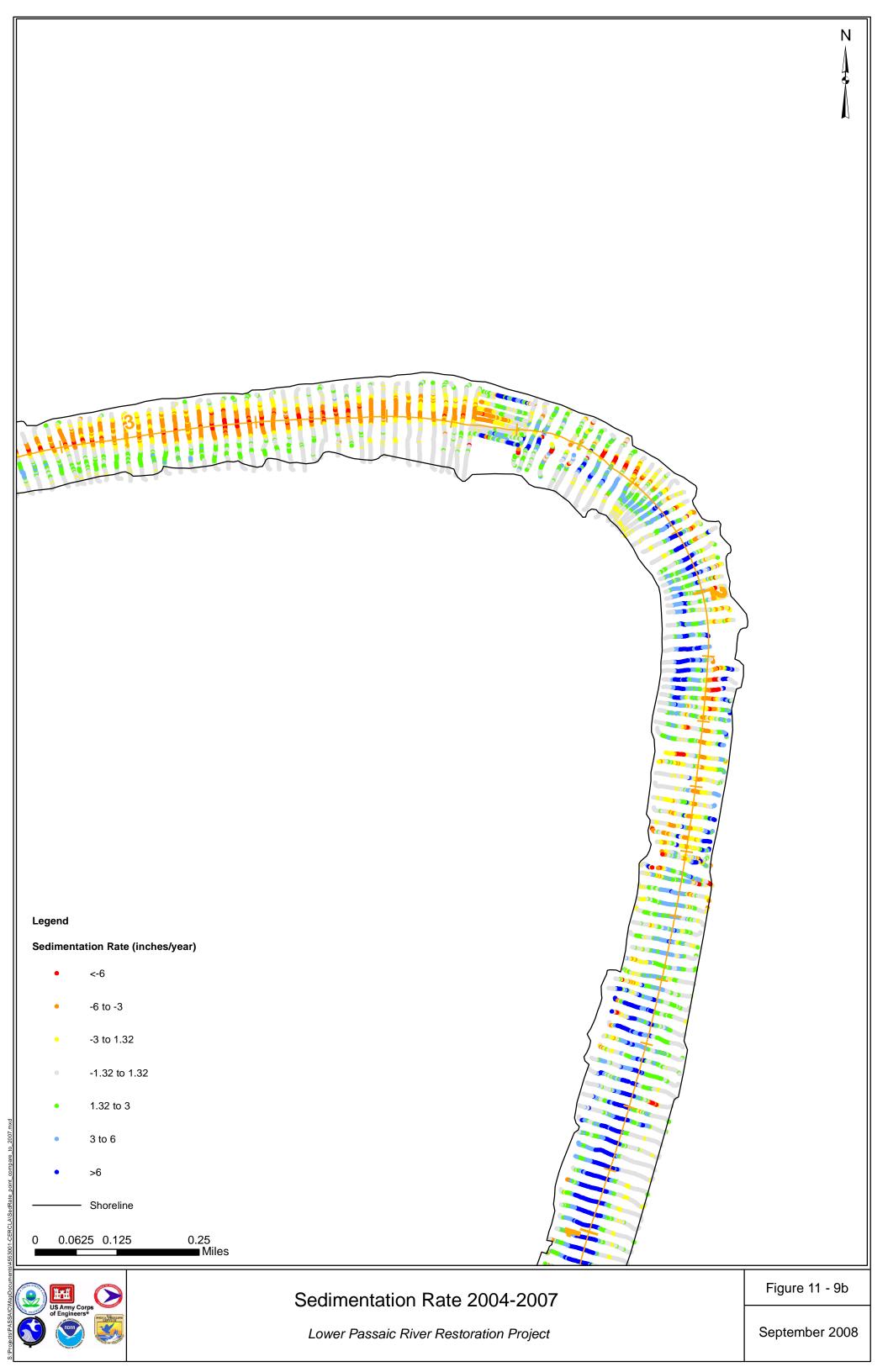


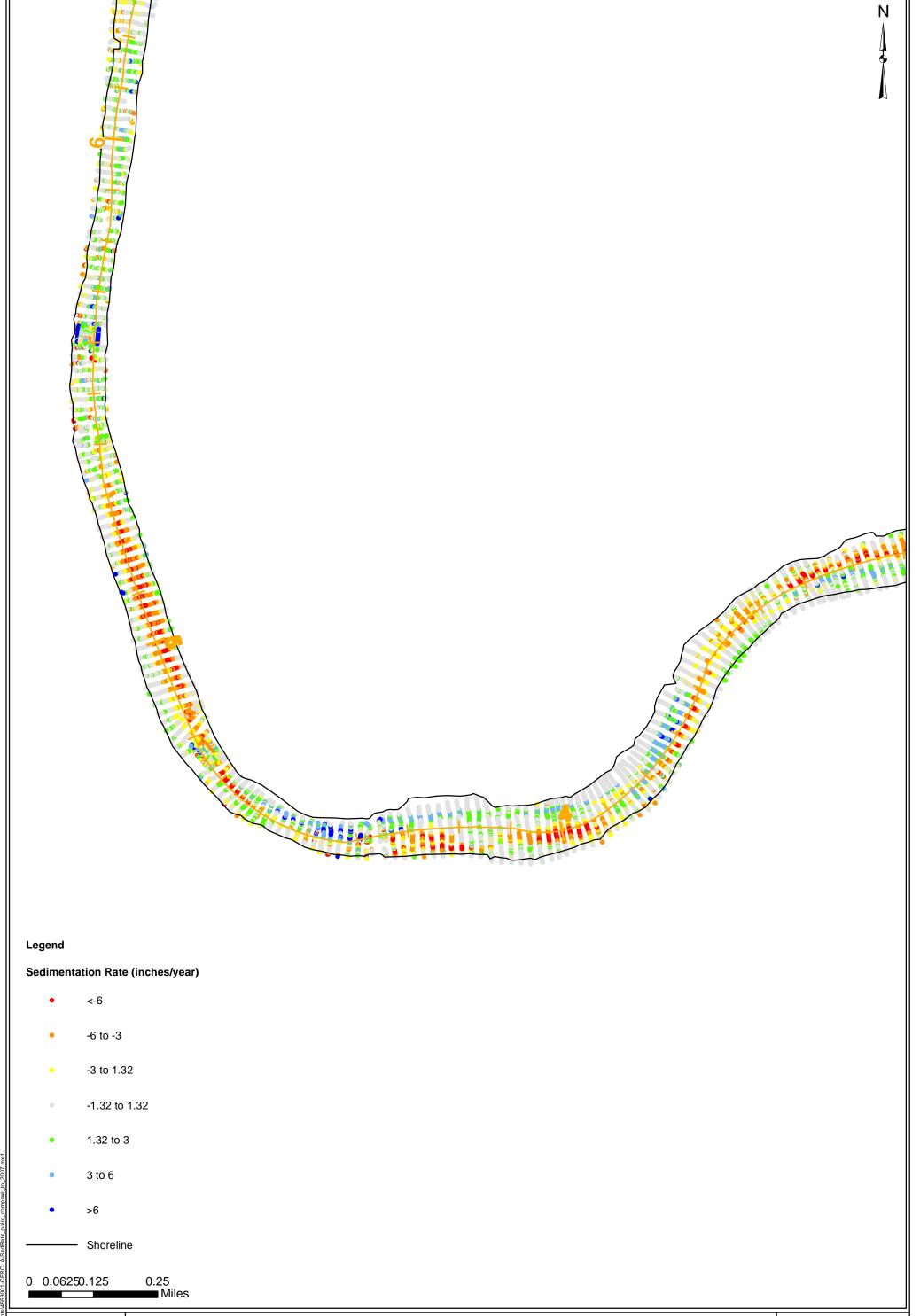


US Army Corps of Engineers*

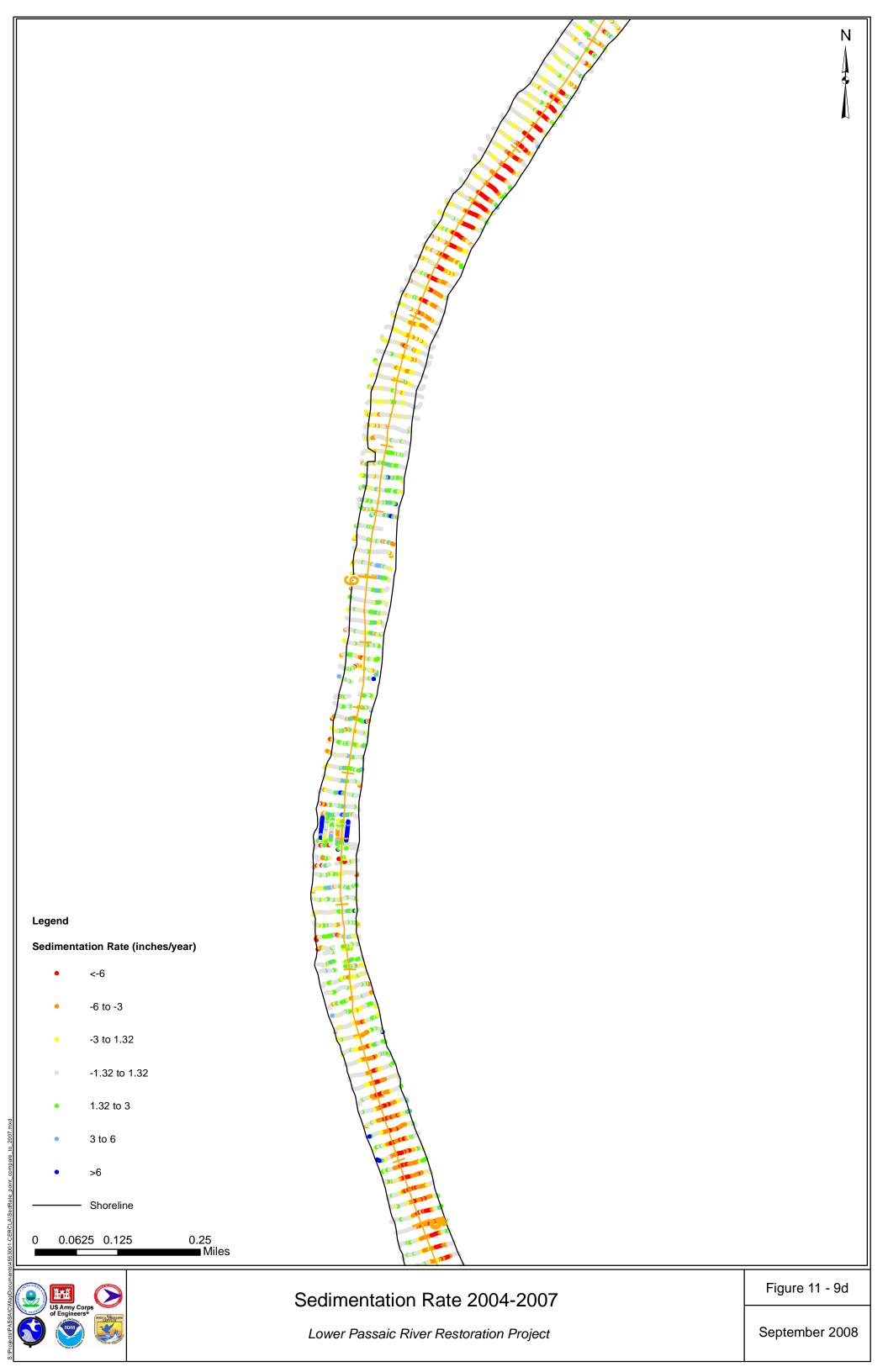






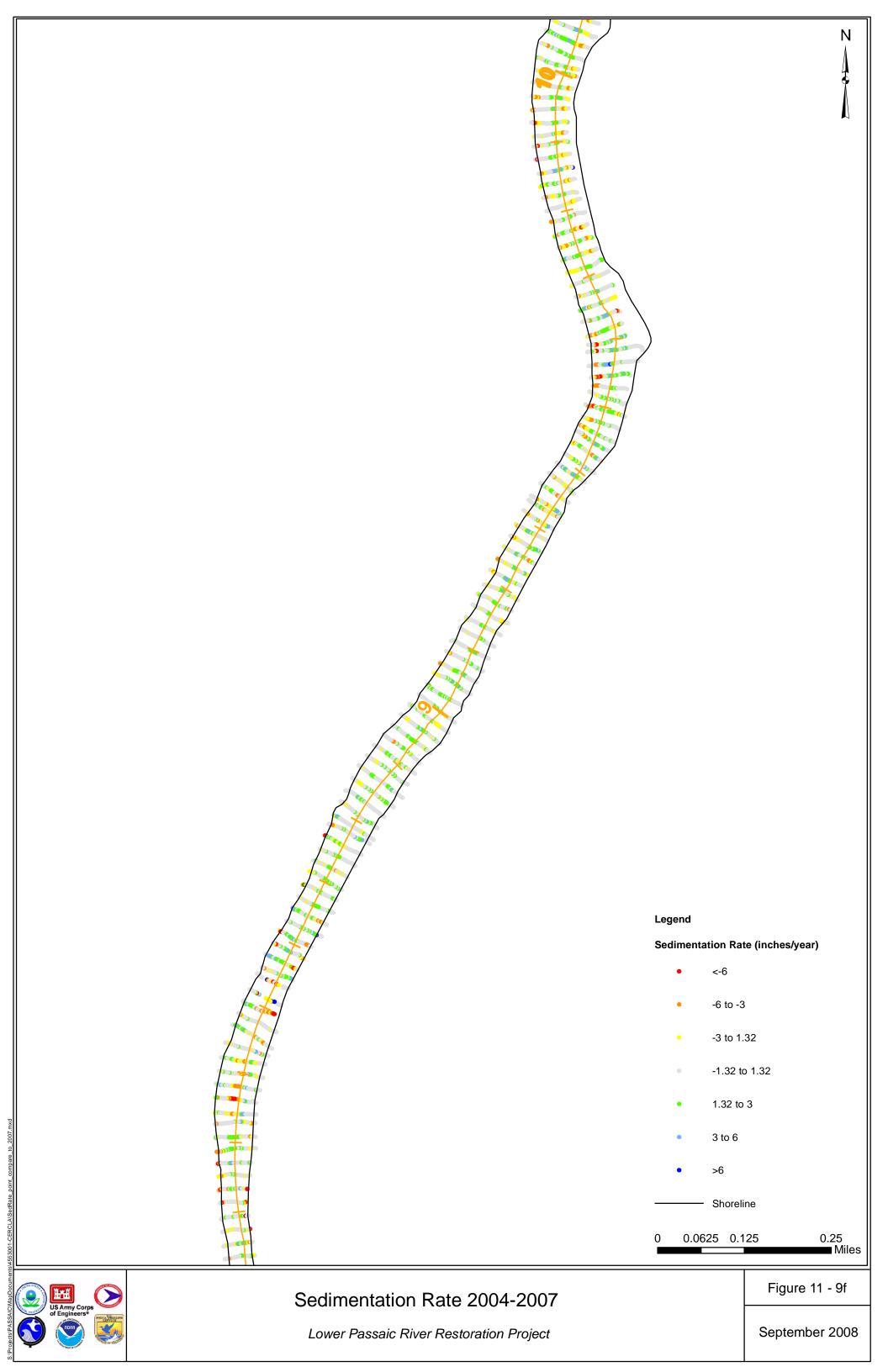


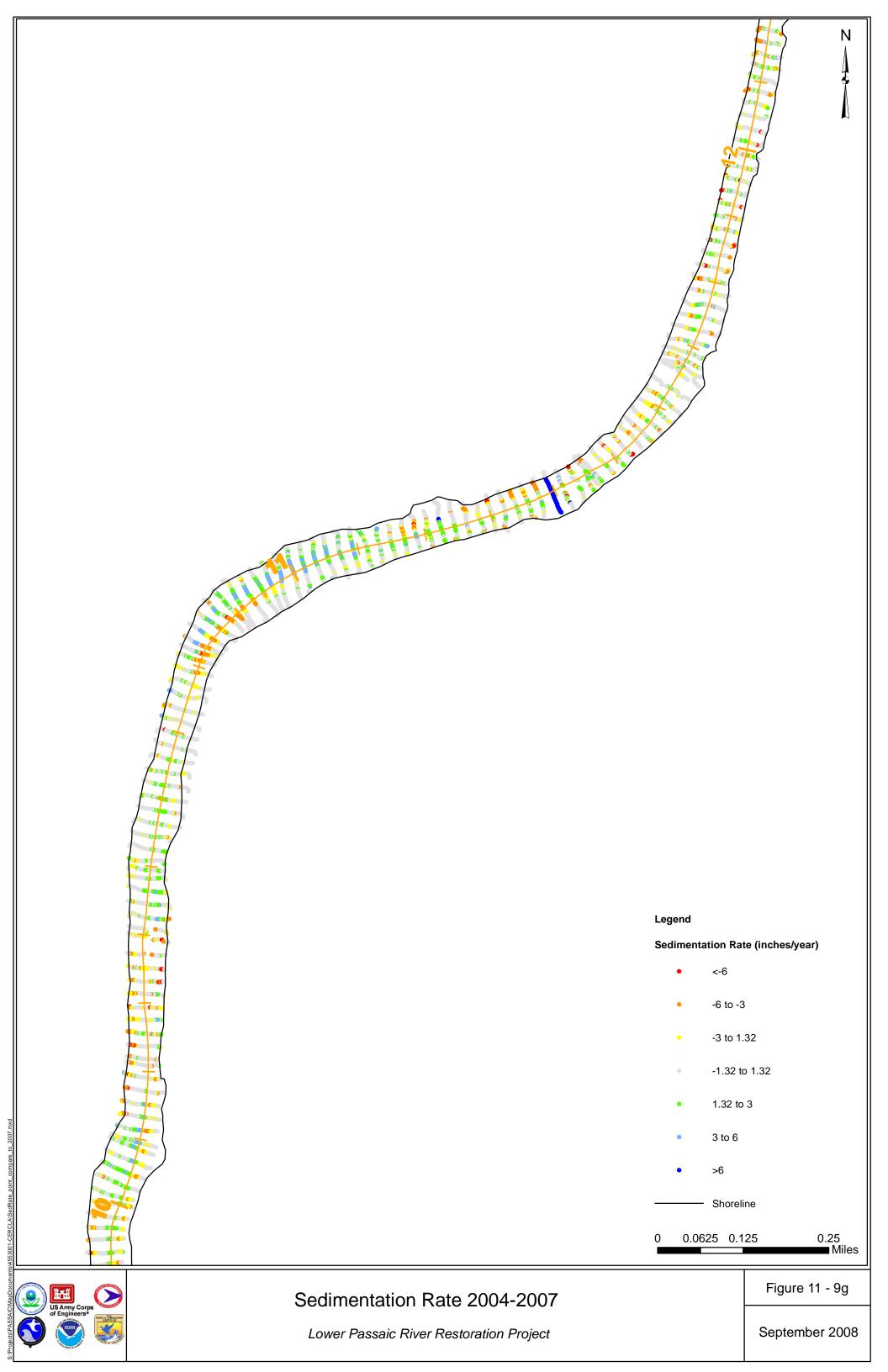


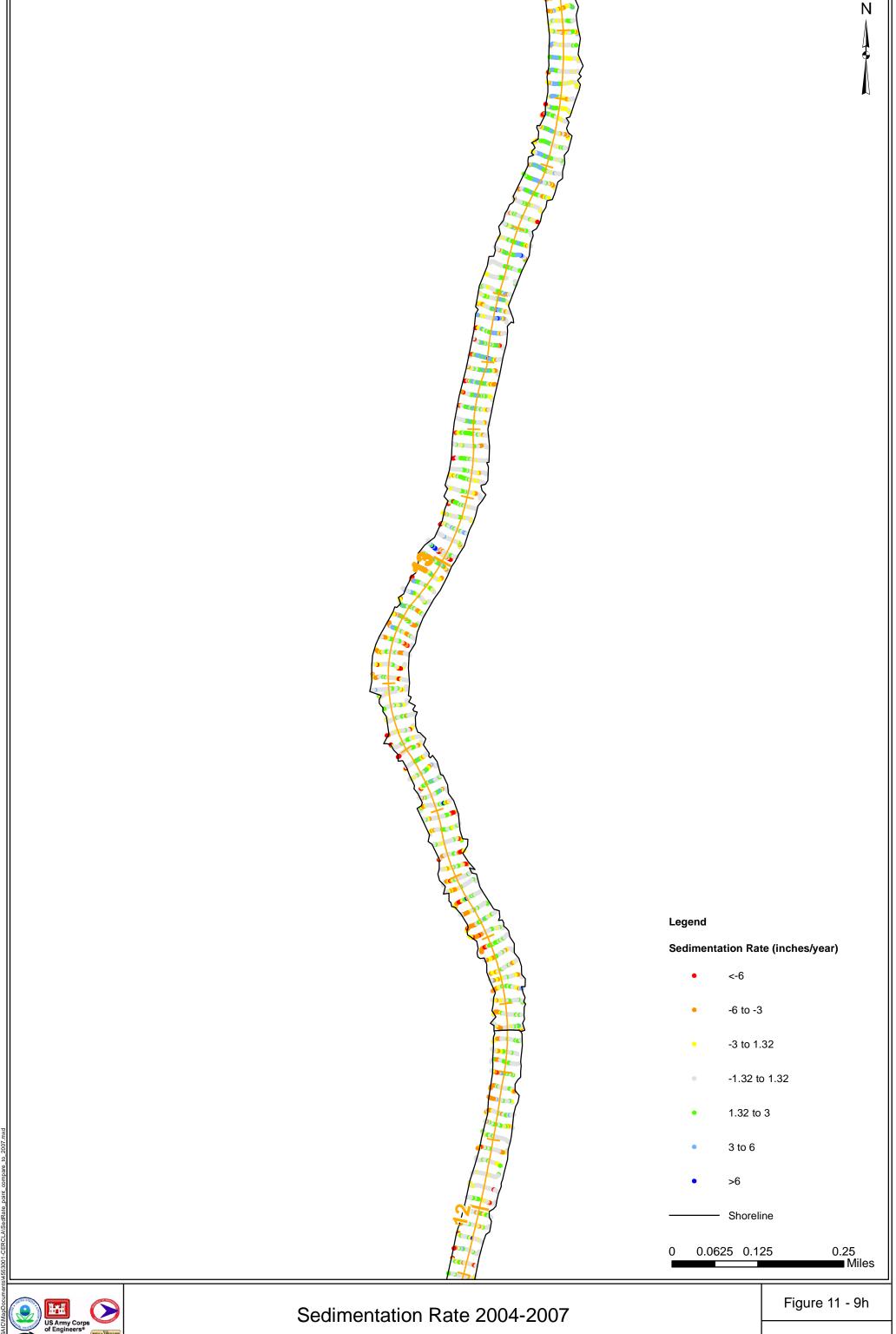




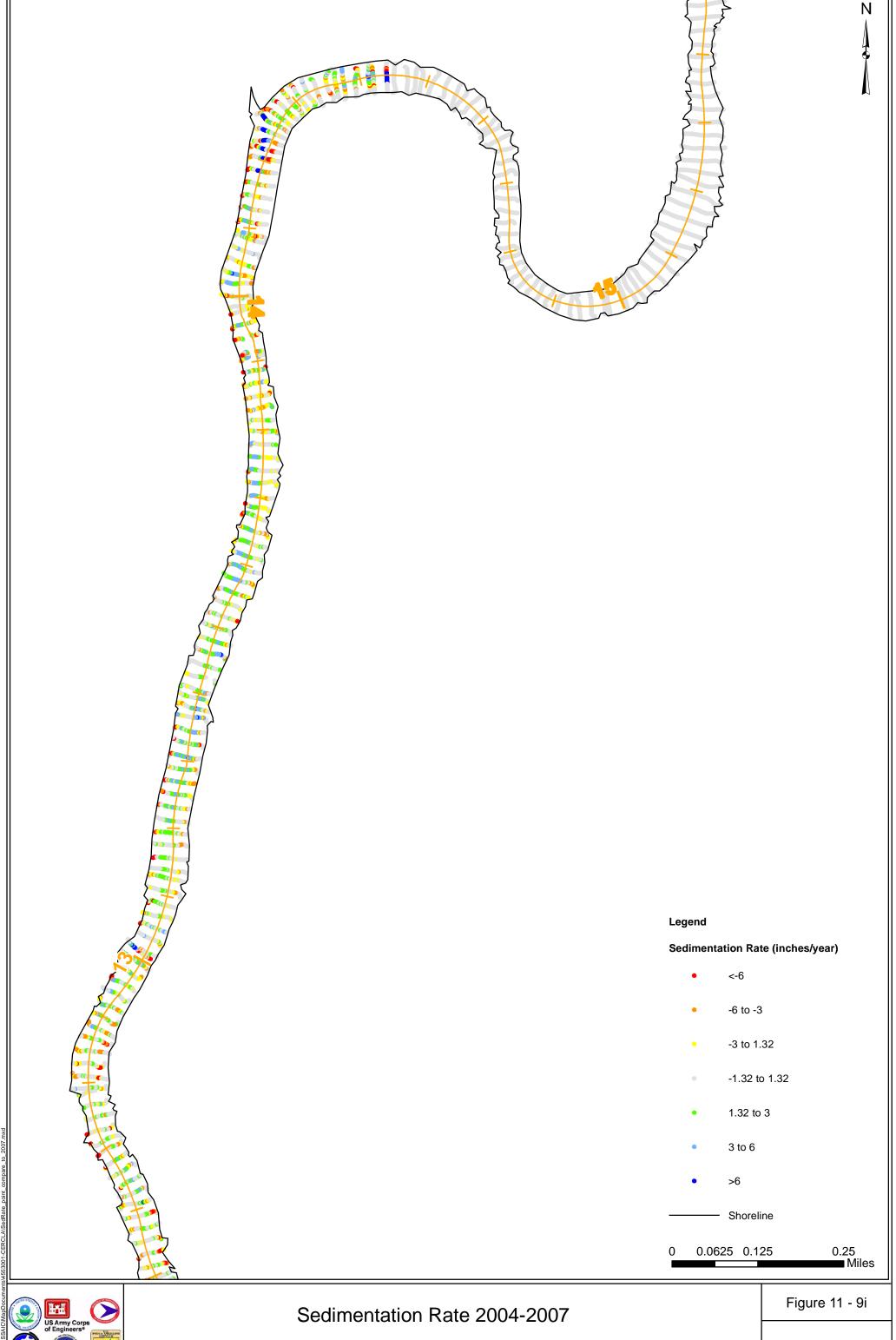


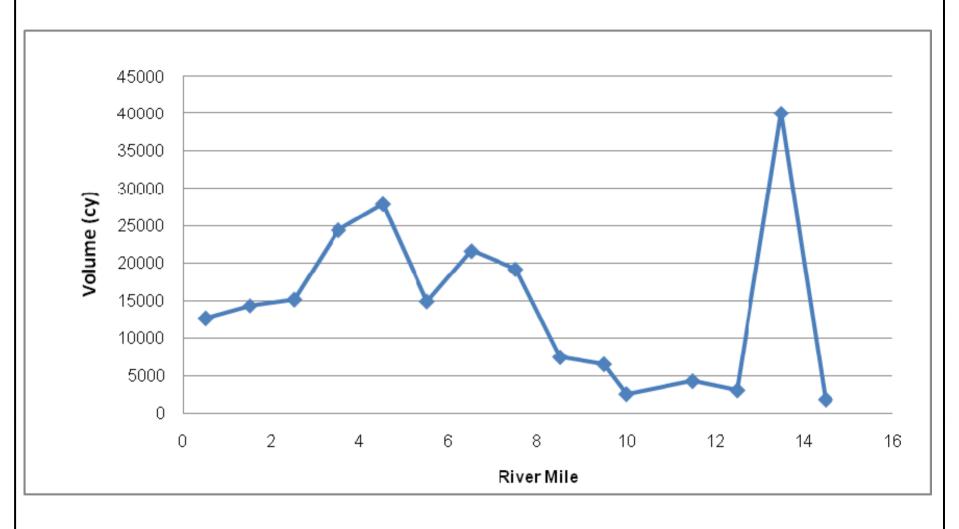










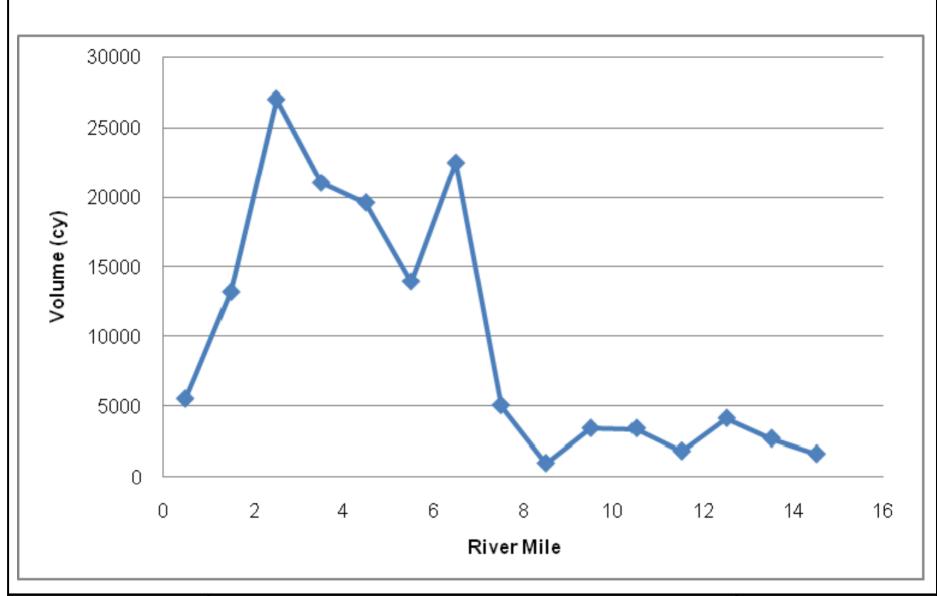




Fine Grained Sediment Volume Resuspended by River Mile

Lower Passaic River Restoration Project

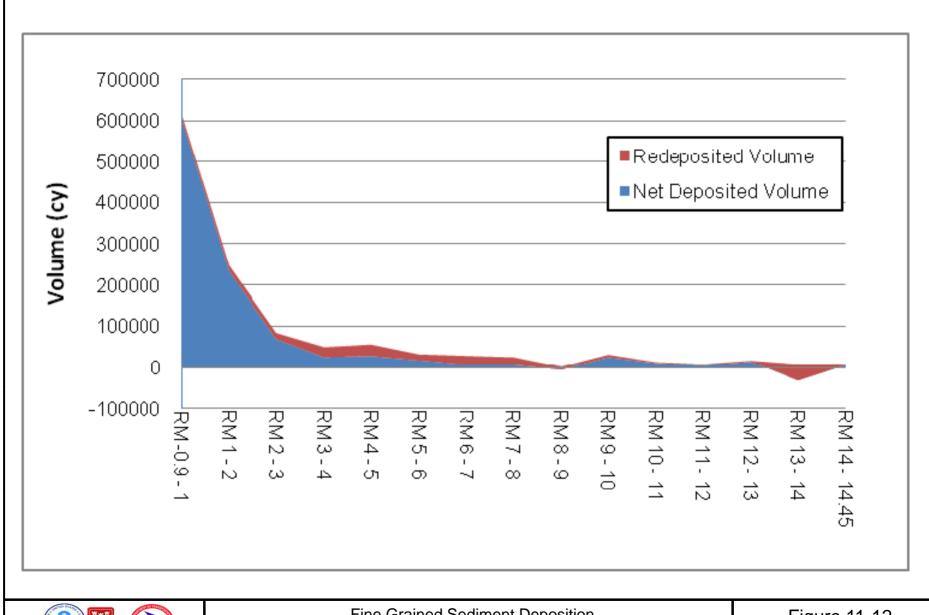
Figure 11-10





Fine Grained Sediment Volume Resuspended by River Mile Scenario 1 2004-2007

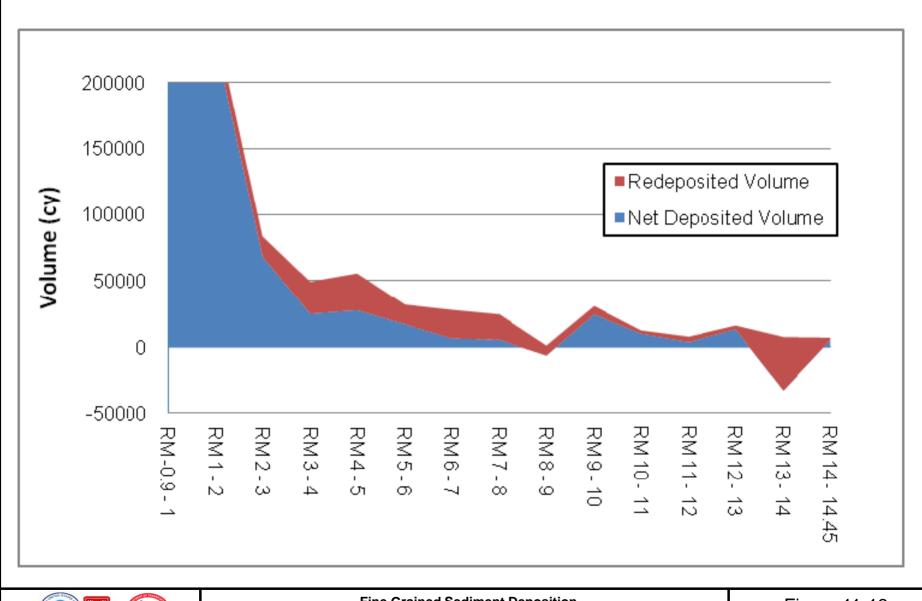
Figure 11-11





Fine Grained Sediment Deposition 1989 to 2007

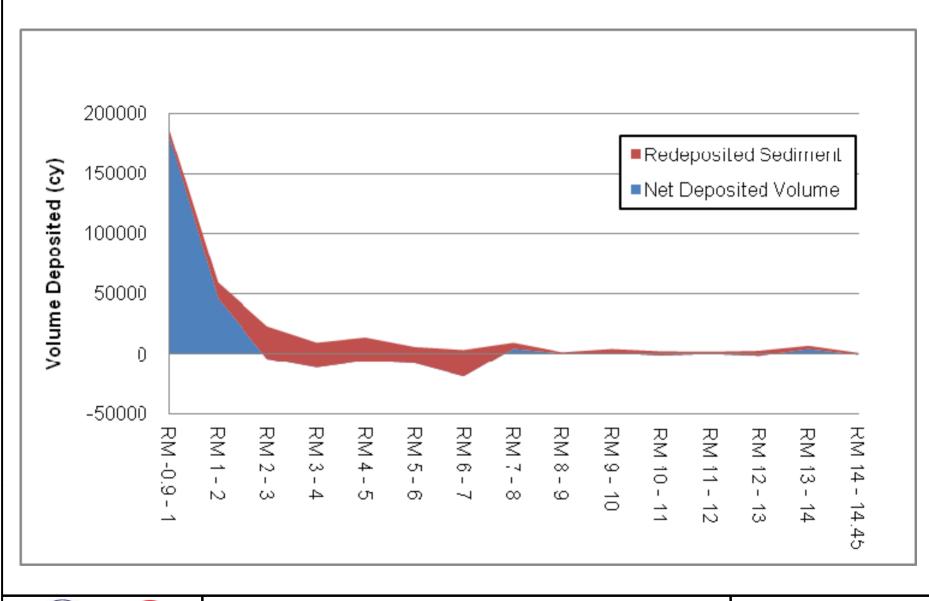
Figure 11-12





Fine Grained Sediment Deposition 1989 to 2007- Expanded Scale

Figure 11-13

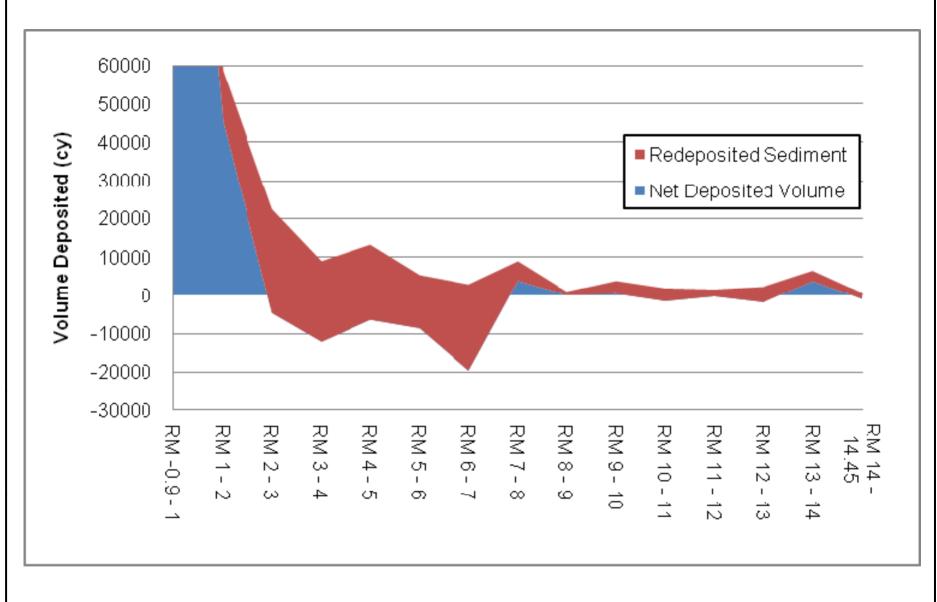




Fine Grained Sediment Deposition 2004 to 2007

Figure 11-14

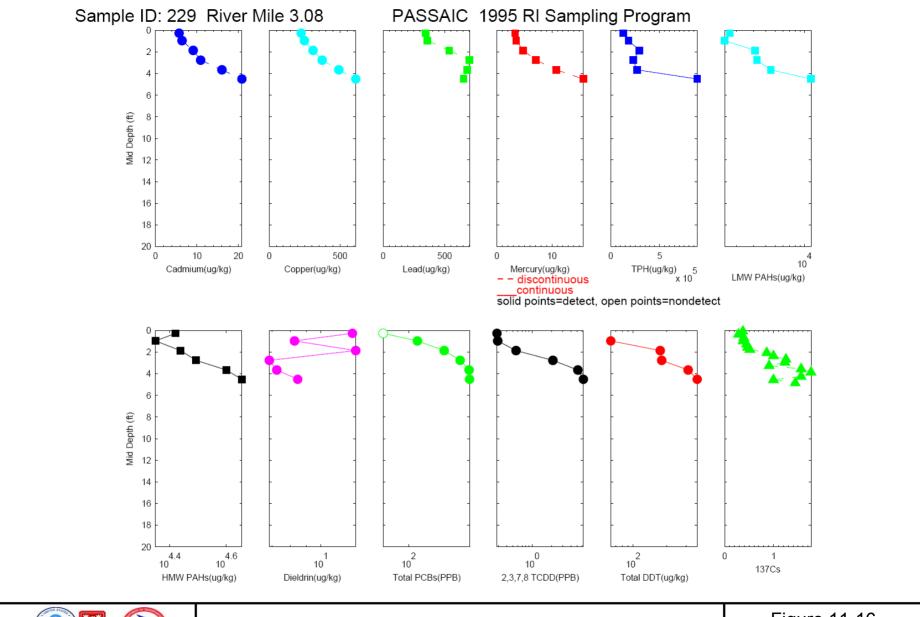
Lower Passaic River Restoration Project





Fine Grained Sediment Deposition 2004 to 2007: Expanded Scale

Figure 11-15

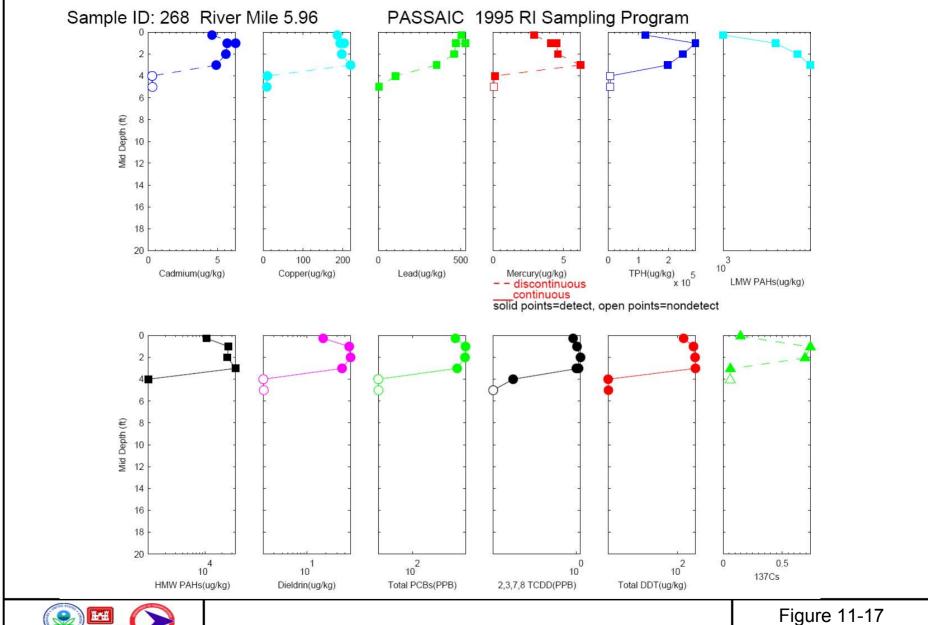




Core Classified as Having a Generally Depositional Setting (229)

Lower Passaic River Restoration Project

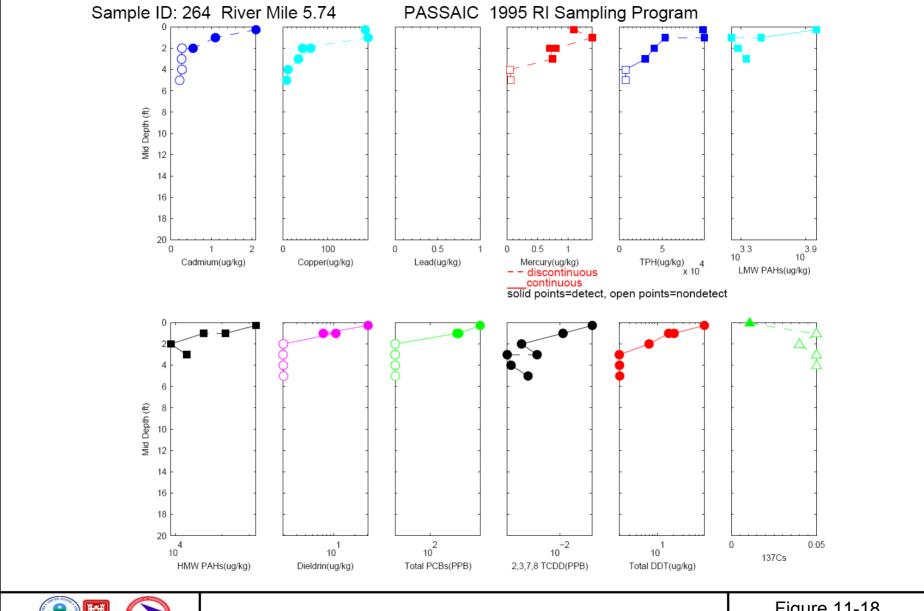
Figure 11-16





Core Classified as Recently Depositional (268)

Lower Passaic River Restoration Project

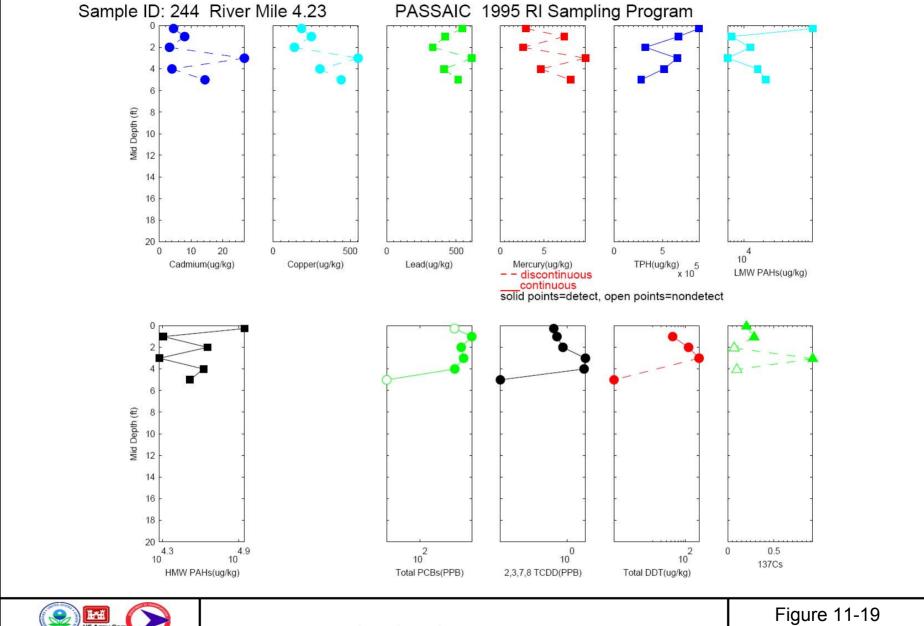




Core Classified as Non-Depositional (264)

Lower Passaic River Restoration Project

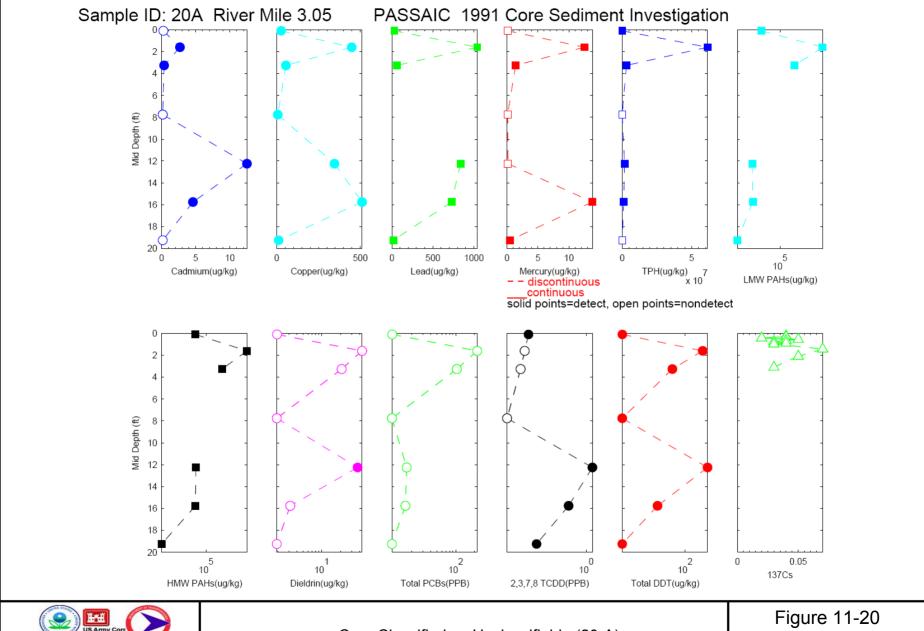
Figure 11-18





Core Classified as Erosive (244)

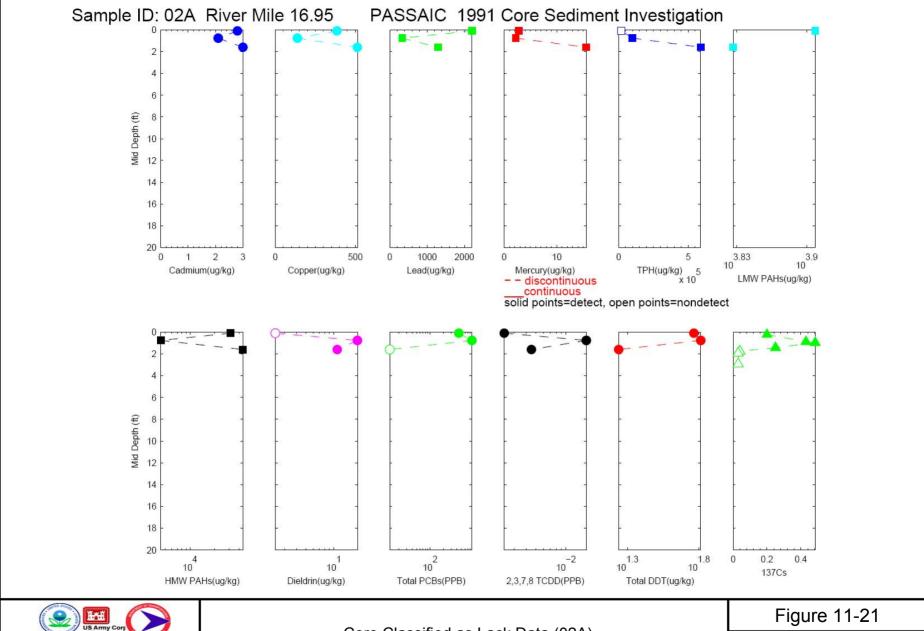
Lower Passaic River Restoration Project





Core Classified as Unclassifiable (20-A)

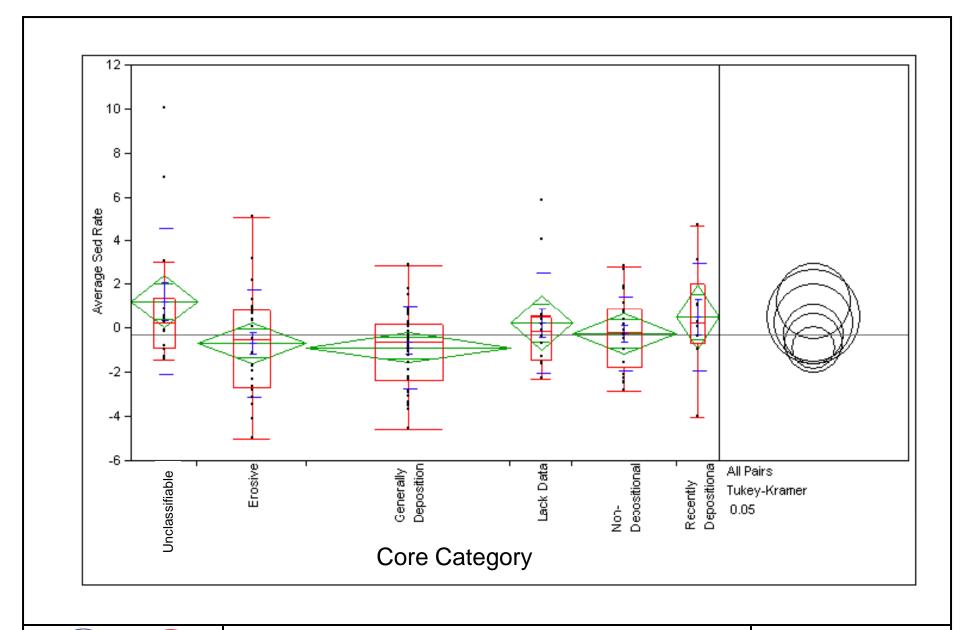
Lower Passaic River Restoration Project





Core Classified as Lack Data (02A)

Lower Passaic River Restoration Project

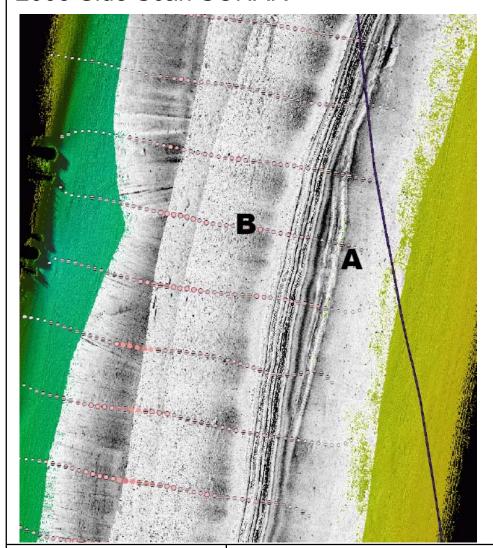




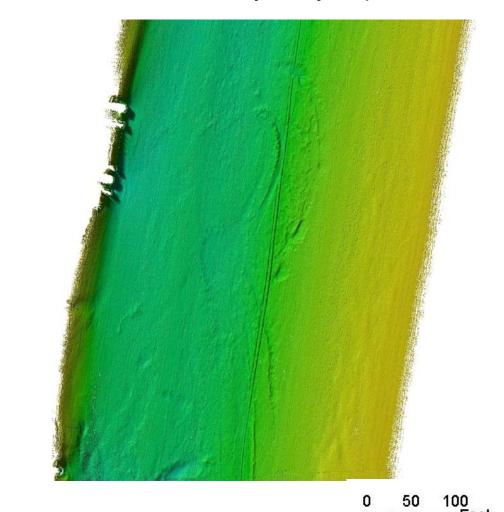
Comparison of Deposition Rates by Sediment Core Class Deposition Rate based on 1989 to 2007 Bathymetric Surveys

Lower Passaic River Restoration Project

Figure 11-21a





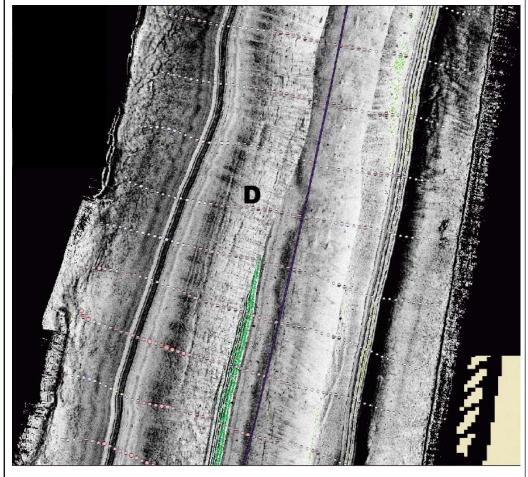


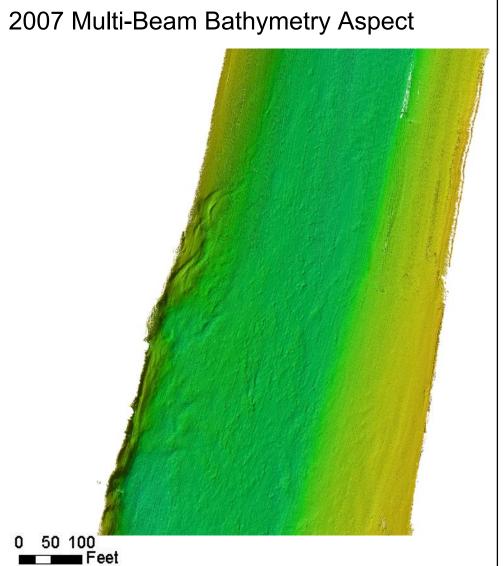


2005 Side Scan SONAR and Aspect of 2007 Multi-Beam Data at RM0.67

Lower Passaic River Restoration Project

Figure 11-22





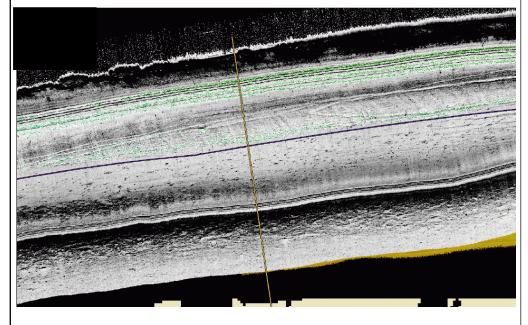


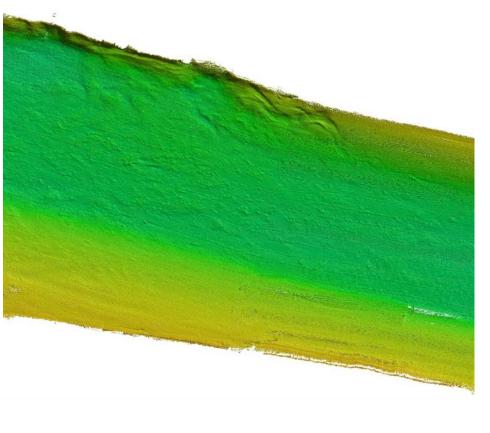
2005 Side Scan SONAR and Aspect of 2007 Multi-Beam Data at RM1.41

Figure 11-23

Lower Passaic River Restoration Project

2007 Multi-Beam Bathymetry Aspect





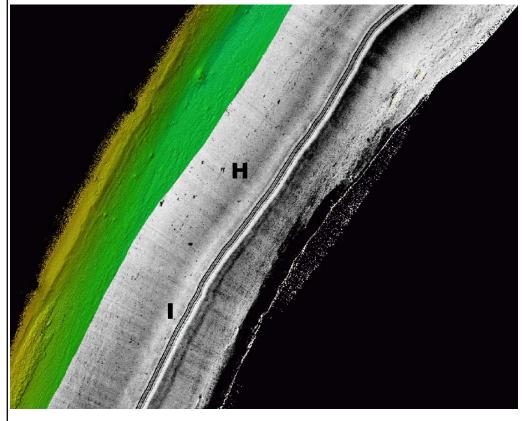


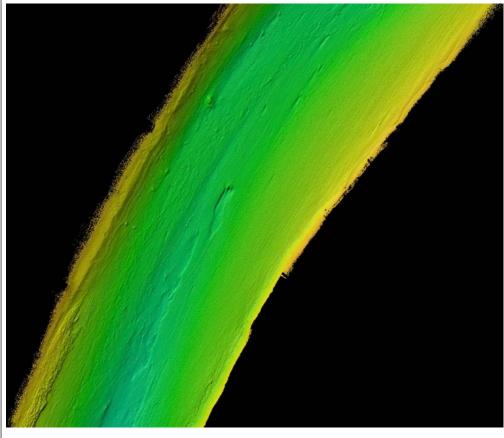
2005 Side Scan SONAR and Aspect of 2007 Multi-Beam Data at RM3

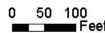
Figure 11-24

Lower Passaic River Restoration Project

2007 Multi-Beam Bathymetry Aspect







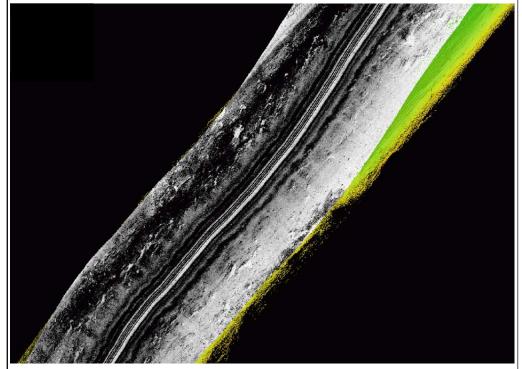


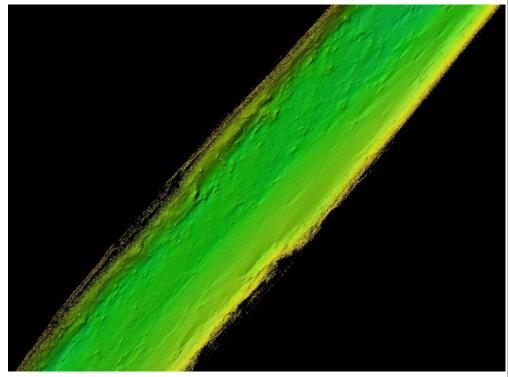
2005 Side Scan SONAR and Aspect of 2007 Multi-Beam Data at RM3.58

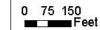
Lower Passaic River Restoration Project

Figure 11-25

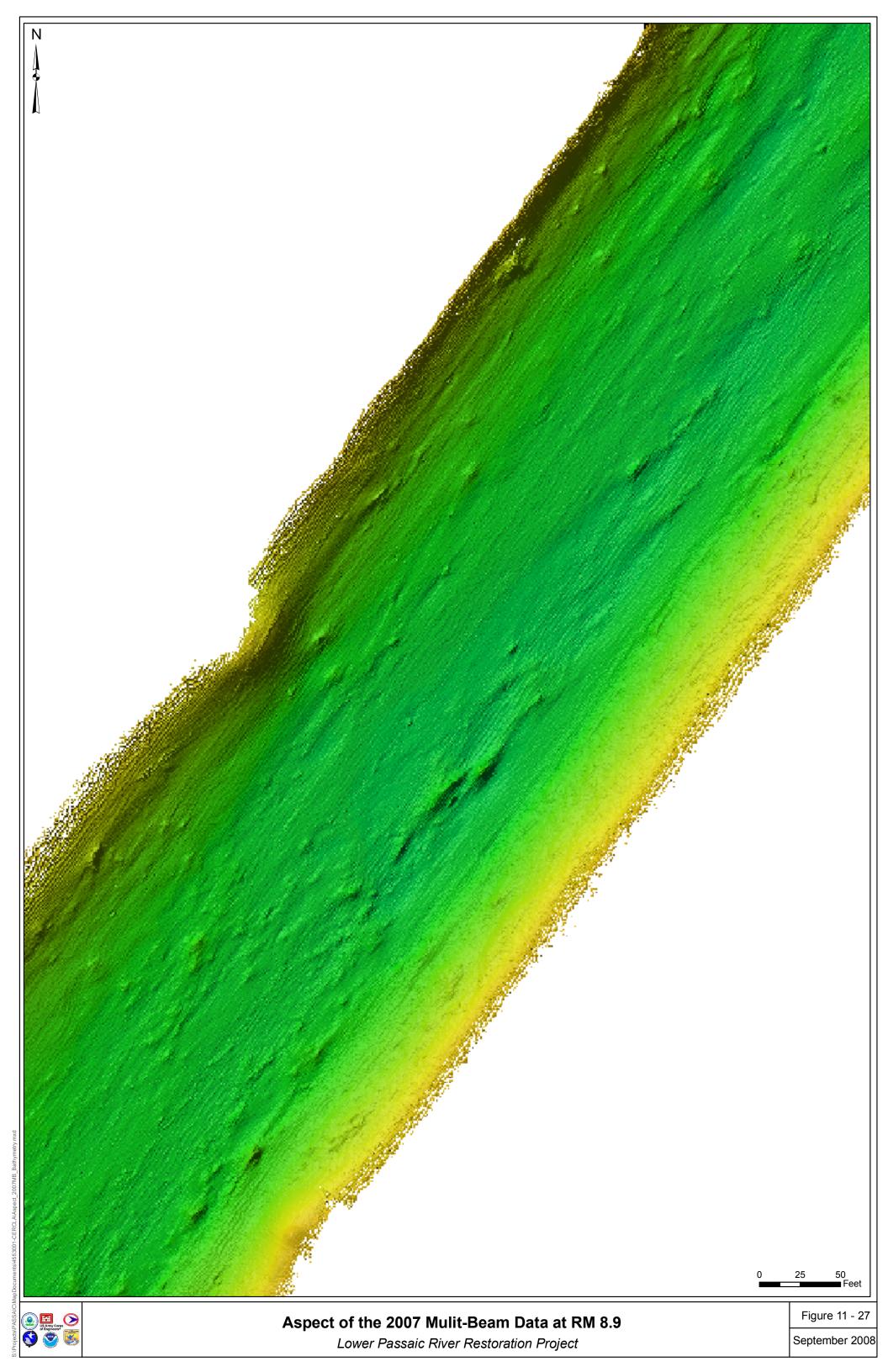
2007 Multi-Beam Bathymetry Aspect



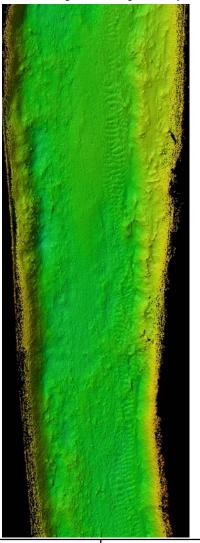














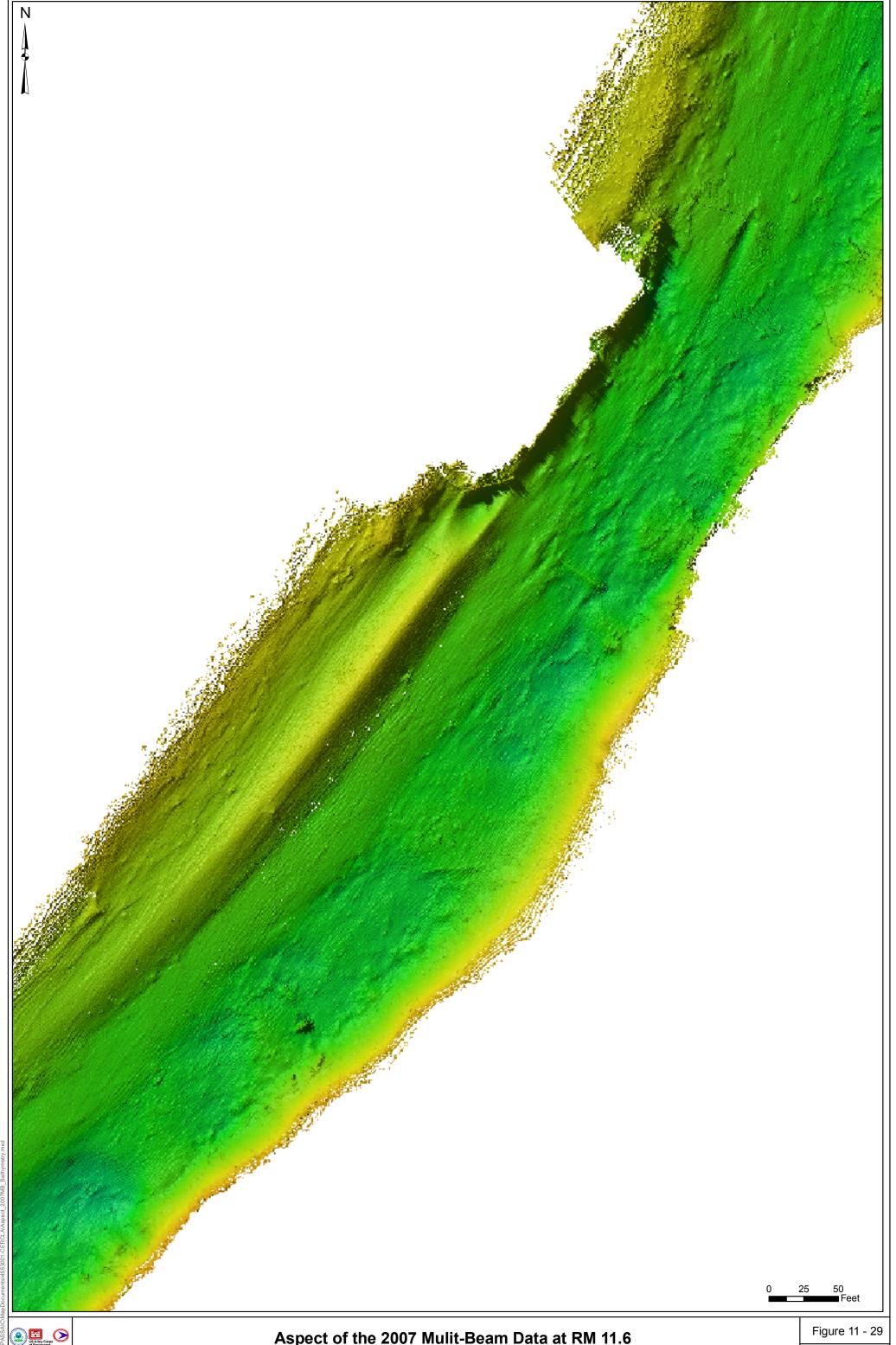
2005 Side Scan SONAR and Aspect of 2007 Multi-Beam Data at RM8.29

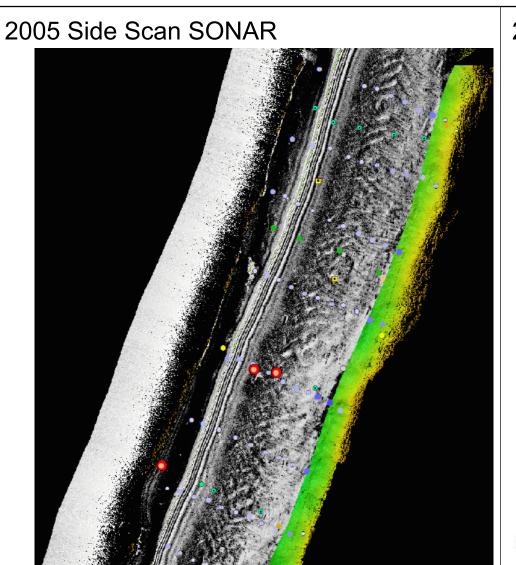
100 ■ Feet

50

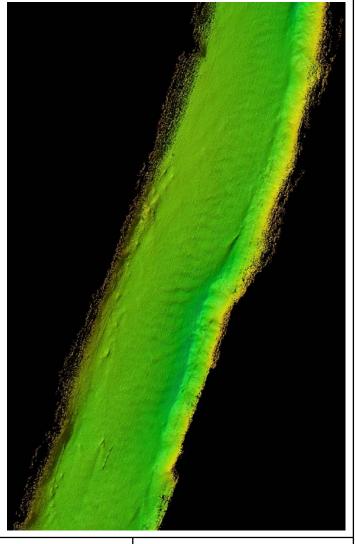
Lower Passaic River Restoration Project

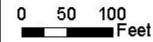
Figure 11-28





2007 Multi-Beam Bathymetry Aspect



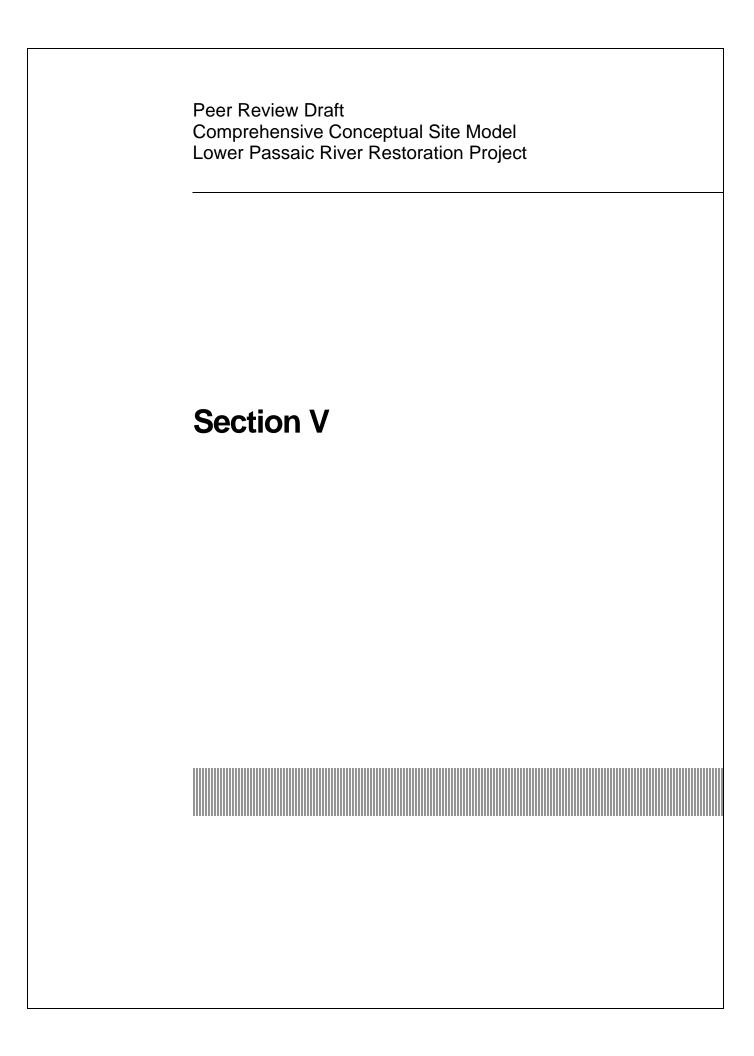




2005 Side Scan SONAR and Aspect of 2007 Multi-Beam Data at RM13.45

Lower Passaic River Restoration Project

Figure 11-30



Chapter 12 Figures

There are no figures associated with this chapter